HANSON THOMAS L

Form 4

October 10, 2006

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

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 * HANSON THOMAS L

2. Issuer Name and Ticker or Trading

ALLIANT ENERGY CORP [LNT]

5. Relationship of Reporting Person(s) to Issuer

Symbol

(First) (Middle) (Last)

3. Date of Earliest Transaction

10% Owner Director

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

PO BOX 2568

(Month/Day/Year)

X_ Officer (give title Other (specify below) below)

6. Individual or Joint/Group Filing(Check

10/09/2006

VICE PRESIDENT

(Street)

4. If Amendment, Date Original

(Instr. 8)

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

Person

MADISON, WI 53701

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

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

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially

Owned

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

(Instr. 4)

(A)

Following Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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 Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and Expiration (Month/Day/Year)

7. Title and Underlying (Instr. 3 and

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or Disposed of (D) Derivative (Instr. 3, 4, and Security

5)

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

DEFERRED

COMMON \$0 10/09/2006 A 21.7498 08/08/1988(1) 08/08/1988(1) COMMO

STOCK

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

HANSON THOMAS L

VICE PRESIDENT PO BOX 2568

MADISON, WI 53701

Signatures

F. J. Buri as 10/10/2006 POA for

**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).
- 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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