

ALLIANT ENERGY CORP

Form 4

May 18, 2006

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIESFiled 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
SWAN BARBARA J

(Last) (First) (Middle)

PO BOX 2568

(Street)

MADISON, WI 53701

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

ALLIANT ENERGY CORP [LNT]

3. Date of Earliest Transaction
(Month/Day/Year)

05/16/2006

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

☐ Director ☐ 10% Owner
☒ Officer (give title below) ☐ Other (specify below)

EXECUTIVE VICE PRESIDENT

6. Individual or Joint/Group Filing(Check Applicable Line)

☒ Form filed by One Reporting Person☐ Form filed by More than One Reporting Person**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
COMMON					2,000	D	
COMMON DRIP					2,076.613	D	
401(k)					5,769.3412	D	
COMMON (RESTRICTED)	05/16/2006		J ⁽¹⁾	118.6663 A	\$ 33.4817	13,938.3145 D	

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

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

number.

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Underlying (Instr. 3 and
				Code V (A) (D)		Date Exercisable Expiration Date	Title
DEFERRED COMMON STOCK	\$ 0	05/17/2006		A ⁽²⁾	194.875	08/08/1988 ⁽³⁾ 08/08/1988 ⁽³⁾	COMMO

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SWAN BARBARA J PO BOX 2568 MADISON, WI 53701			EXECUTIVE VICE PRESIDENT	

Signatures

F. J. Buri as
POA for 05/18/2006

**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).
- (1) The reporting person acquired 118.6663 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (2) The reporting person acquired 194.875 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (3) 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.