ALLIANT ENERGY CORP

Form 4

November 20, 2006

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

0.5

OMB APPROVAL

Form 4 or Form 5 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

burden hours per response...

Estimated average

See Instruction

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * ALLER THOMAS L			2. Issuer Name and Ticker or Trading Symbol ALLIANT ENERGY CORP [LNT]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
PO BOX 2568			(Month/Day/Year) 11/16/2006	Director 10% Owner _X_ Officer (give title Other (specify below) SENIOR VICE PRESIDENT		
	(Street)		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		
MADISON, WI 53701				Form filed by More than One Reporting Person		

1.Title of Security	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired (A)	5. Amount of	6.	7. Nature
(Instr. 3)	(Month/Day/Year)	Execution Date, if	, if Transaction Disposed of (D)		Securities	Ownership	of Indirect
		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)	

		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)
							Following	or Indirect
					(4)		Reported	(I)
					(A)		Transaction(s)	(Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	
COMMON DRIP	11/16/2006		J(1)	11.5421	A	\$ 39.538	1,600.5786	D
COMMON (RESTRICTED)	11/16/2006		J(2)	36.6504	A	\$ 39.538	5,076.9348	D

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

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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
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onDerivative	Date	Underlying
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A) or		
	Derivative				Disposed of (D)		
	Security				(Instr. 3, 4, and		
					5)		
						Date Exercisable Expiration Date	Title
				Code V	(A) (D)	Date Excressible Expiration Date	Title
				Code 1	(11) (2)		
DEFERRED							
COMMON	\$ 0	11/16/2006		J(3)	61.7689	08/08/1988 ⁽⁴⁾ 08/08/1988 ⁽⁴⁾	COMMO
	, ,	,		_			
	Derivative Security (Instr. 3)	Derivative Conversion Security or Exercise (Instr. 3) Price of Derivative Security DEFERRED COMMON \$ 0	Derivative Security or Exercise (Instr. 3) Price of Derivative Security DEFERRED COMMON \$ 0 11/16/2006	Derivative Security or Exercise (Instr. 3) Price of Derivative Security DEFERRED COMMON \$ 0 11/16/2006	Derivative Security or Exercise (Instr. 3) Price of Derivative Security Very DEFERRED COMMON \$ 0 11/16/2006 Conversion (Month/Day/Year) Execution Date, if any Code (Month/Day/Year) (Instr. 8) Code V Code V DEFERRED COMMON \$ 0 11/16/2006	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Derivative Security or Exercise (Instr. 3) Price of Derivative Security Very Code V (A) (D) Deferration Date (Month/Day/Year) Date (Month/Day/Year) Date (Month/Day/Year) (Month/Day/Year) (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Exercisable Expiration Date (Code V (A) (D)) DEFERRED COMMON \$ 0 11/16/2006 Date Exercisable Expiration Date (D) Date Exercisable Expiration Date (D) Date Exercisable Expiration Date (D) Deferration Date (D) Date Exercisable Expiration Date (D) Deferration D

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ALLER THOMAS L PO BOX 2568 MADISON, WI 53701

SENIOR VICE PRESIDENT

Signatures

F. J. Buri as
POA for

**Signature of

Date

**Signature of 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) The reporting person acquired 11.5421 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 36.6504 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (3) The reporting person acquired 61.7689 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (4) 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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