SWAN BARBARA J

Form 4

February 14, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287 January 31,

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or 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 * SWAN BARBARA J			2. Issuer Name and Ticker or Trading Symbol ALLIANT ENERGY CORP [LNT]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
PO BOX 2568	3		02/12/2007	X Officer (give title Other (specify below) below) EXECUTIVE VICE PRESIDENT			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
MADISON, WI 53701			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip)	Table I - No	on-Derivat	ive Securit	ies Ac	equired, Dis	posed of, or Ben	eficially Own	ed
1.Title of Security (Instr. 3)	(Month/Day/Year) Exec any		Execution Date, if	3. Transaction Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` '	5. Amount of Securities Beneficially Owned Following	Ownership of Ir Form: Bend Direct (D) Own	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
COMMON	02/12/2	2007		M	2,278	À	\$ 31.54	4,278	D	
COMMON	02/12/2	2007		S	2,278	D	\$ 40.5006	2,000	D	
COMMON	02/12/2	2007		M	24,705	A	\$ 27.79	26,705	D	
COMMON	02/12/2	2007		S	24,705	D	\$ 40.5006	2,000	D	
COMMON	02/12/2	2007		M	3,017	A	\$ 24.9	5,017	D	
COMMON	02/12/2	2007		S	3,017	D	\$ 40.5006	2,000	D	
COMMON	02/13/2	2007		M	25,401	A	\$ 24.9	27,401	D	

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COMMON	02/13/2007	S	25,401	D	\$ 41.0157	2,000	D
COMMON	02/13/2007	M	3,608	A	\$ 25.93	5,608	D
COMMON	02/13/2007	S	3,608	D	\$ 41.0157	2,000	D
COMMON DRIP						4,629.652	D
401(k)						6,014.4318	D
COMMON (RESTRICTED)						9,834.885	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 number.

SEC 1474 (9-02)

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)	2 3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	ransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shar
EMP. STOCK OPTION (Right to Buy)	\$ 24.9	02/12/2007		М		3,017	01/02/2005	01/02/2014	COMMON	3,017
EMP. STOCK OPTION (Right to Buy)	\$ 24.9	02/13/2007		M		25,401	01/02/2005	01/02/2014	COMMON	25,40
EMP. STOCK OPTION (Right to Buy)	\$ 25.93	02/13/2007		М		3,608	02/09/2005	02/09/2014	COMMON	3,608

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EMP. STOCK OPTION (Right to Buy)	\$ 27.79	02/12/2007	M	24,705	05/16/2005	05/16/2012	COMMON	24,70
EMP. STOCK OPTION (Right to Buy)	\$ 31.54	02/12/2007	M	2,278	01/02/2004	01/02/2011	COMMON	2,278

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SWAN BARBARA J

PO BOX 2568 EXECUTIVE VICE PRESIDENT

MADISON, WI 53701

Signatures

Joni Aeschbach as POA for 02/14/2007

**Signature of Reporting Date
Person

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

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.

Reporting Owners 3

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).