Gliebe Mark Joseph Form 4 January 05, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

Number: 3235-0287

January 31,

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

SECURITIES

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

See Instruction 1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * Gliebe Mark Joseph			2. Issuer Name and Ticker or Trading Symbol REGAL BELOIT CORP [RBC]					5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (N	Middle)	3. Date of Earliest Transaction			(Cnec	k all applicable)			
(Eust)	(11151)	riduic)			ansaction			Director	10%	Owner	
200 STATE STREET		(Month/Day/Year) 01/03/2007					X_ Officer (give title Other (specify below) President/COO				
(Street) BELOIT, WI 53511			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			
blloii, w	1 33311							Person			
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution		3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock	01/03/2007			M	2,000	A	\$0	2,000	D		
Common Stock	01/03/2007			F	707	A	\$ 51.25	1,293	D		

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

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SEC 1474

(9-02)

51.25

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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 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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e Expiration Dat	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	Amount or Number of Shares	
Restricted Stock	\$ 0	01/03/2007		M	2,000	01/03/2007	01/03/2007	Restricted Stock	2,000	

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

Gliebe Mark Joseph 200 STATE STREET BELOIT, WI 53511

President/COO

Signatures

Mark J. Gliebe 01/05/2007

**Signature of 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).

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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