Gliebe Mark Joseph Form 4 January 30, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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

obligations

may continue. See Instruction

(Middle)

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

(Print or Type Responses)

1(b).

(Last)

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

3. Date of Earliest Transaction

(Check all applicable)

(First)

(Street)

(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

01/27/2006

President/COO

200 STATE STREET

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

(Instr. 4)

Person

BELOIT, WI 53511

(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) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

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

(Instr. 4)

(A)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

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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

Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

4. 5. Number of Transaction Derivative Securities Code

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

7. Title and An Underlying Sec (Instr. 3 and 4)

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(,	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed or (D) (Instr. 3, 4, and 5)	f		
				Code V	(A) (D) Date Exercisable	Expiration Date	Title
Restricted Stock	\$ 36.36	01/27/2006	01/27/2009	A	8,000	01/27/2009	01/27/2009	Restricted Stock
Non-qualified Stock Option	\$ 36.36	01/27/2006	01/27/2008(1)	A	35,000	01/27/2008(1)	01/27/2016	Non-qualifie Stock Option

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Gliebe Mark Joseph 200 STATE STREET BELOIT, WI 53511

President/COO

Signatures

Mark J. Gliebe 01/30/2006

**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).
- (1) Shares vest at 20% per year after one year; exercisable after two years.

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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