REGAL BELOIT CORP Form 8-K April 19, 2010

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549			
FORM 8-K			
CURRENT REPORT			
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934			
Date of Report (Date of earliest event reported): April 15, 2010			
Regal-Beloit Corporation (Exact name of registrant as specified in its charter)			
Wisconsin 1-7283 39-0875718 (State or other jurisdiction of incorporation) (Commission File Number) (IRS Employer Identification No.)			
200 State Street, Beloit, Wisconsin 53511-6254 (Address of principal executive offices, including Zip code)			
(608) 364-8800 (Registrant's telephone number)			
Not Applicable (Former Name or Former Address, if Changed Since Last Report)			
Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:			
[] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)			
[] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)			
[] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))			

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangement of Certain Officers.

On April 15, 2010, Regal Beloit Corporation (the "Company") announced the departure of David A. Barta as Vice President – Chief Financial Officer of the Company effective on May 14, 2010.

Item 9.01. Financial Statements and Exhibits

(a)	Not Applicable

(b) Not Applicable

(c) Not Applicable

(d) Exhibits: The following exhibit is being filed herewith:

(99) Press Release of Regal Beloit Corporation dated April 15, 2010.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

REGAL BELOIT CORPORATION

Date: April 19, 2010 By: /s/ Paul J.

Jones

Paul J. Jones Vice President, General Counsel and Secretary

REGAL BELOIT CORPORATION FORM 8-K EXHIBIT INDEX

Exhibit

Number Description

(99) Press Release of Regal Beloit Corporation dated April 15, 2010.