CRANE CO /DE/ Form S-8 POS June 02, 2010

As filed with the Securities and Exchange Commission on June 2, 2010

Registration No. 333-35860

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

POST-EFFECTIVE AMENDMENT

TO

FORM S-8

REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

Crane Co.

(Exact name of registrant as specified in its charter)

Delaware

13-1952290

2

(State or other jurisdiction of

incorporation or organization)

100 First Stamford Place

Stamford, Connecticut 06902

(Address of principal executive offices, including zip code)

Crane Co. Union Employees Savings and Investment Plan

(Full title of the plan)

Augustus I. duPont

Vice President, General Counsel and Secretary

Crane Co.

100 First Stamford Place

Stamford, Connecticut 06902

(203) 363-7300

(Name, address and telephone number of agent for service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non accelerated filer, or a smaller reporting company. See definitions of large accelerated filer, a ccelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer x

Non-accelerated filer " (Do not check if a smaller reporting company)

Accelerated filer

Smaller reporting company

Identification No.)

(I.R.S. Employer

EXPLANATORY NOTE REGARDING DEREGISTRATION

Crane Co. (the Registrant) is filing this post-effective amendment to deregister certain of the securities originally registered pursuant to the Registration Statement on Form S-8 (File No. 333-35860), filed with the Securities and Exchange Commission on April 28, 2000 (the Registration Statement) with respect to shares of the Registrant s common stock, par value \$1.00 per share (Common Stock), thereby registering for issuance under the Crane Co. Union Employees Saving and Investment Plan (the Plan) an aggregate of 50,000 shares of Common Stock. Pursuant to Rule 416(c) under the Securities Act of 1933, as amended, the Registration Statement was also deemed to register an indeterminate number of interests in the Plan (Interests).

The Registrant terminated the Plan effective December 18, 2009. Accordingly, the Registrant has no obligation to maintain effectiveness of the Registration Statement. Pursuant to the undertaking contained in the Registration Statement, the Registrant is filing this Post-Effective Amendment to the Registration Statement to deregister, as of the date hereof, all Common Stock and Interests registered pursuant to the Registration Statement that remain unsold or otherwise unissued as of the filing of this post-effective amendment.

SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing Form S-8 and has duly caused this Post-Effective Amendment to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Stamford, State of Connecticut, on this 1st day of June, 2010.

CRANE CO.

By: /s/ ERIC C. FAST E. C. FAST President, Chief Executive Officer and Director

Pursuant to the requirements of the Securities Act, this Post-Effective Amendment to the Registration Statement has been signed by the following persons in the capacities and on the date(s) indicated:

Signature	Capacity	Date
* R. S. Evans	Chairman of the Board and Director	June 1, 2010
/s/ Eric C. Fast E. C. Fast	President, Chief Executive Officer and Director (Principal Executive Officer)	June 1, 2010
/s/ A. L. Krawitt A. L. Krawitt	Vice President, Treasurer (Principal Financial Officer)	June 1, 2010
/s/ R. A. MAUE R. A. Maue	Vice President, Controller (Principal Accounting Officer)	June 1, 2010
* E. T. Bigelow	Director	June 1, 2010
D. G. Cook	Director	
K. E. Dykstra	Director	
* R. S. Forté	Director	June 1, 2010
* D. R. Gardner	Director	June 1, 2010
P. R. Lochner, Jr.	Director	
R. F. McKenna	Director	
* C. J. Queenan, Jr.	Director	June 1, 2010
* J. L. L. Tullis	Director	June 1, 2010

*By: /s/ Augustus I. duPont Augustus I. duPont Attorney-in-Fact

Pursuant to the requirements of the Securities Act, the administrator of the Crane Co. Union Employees Saving and Investment Plan has duly caused this Post-Effective Amendment to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Stamford, State of Connecticut, on this 1st day of June, 2010.

Crane Co. Union Employees Saving and

Investment Plan

By: /s/ AUGUSTUS I. DUPONT Augustus I. duPont Member of Administration Committee for Crane Co. Savings Plans

3