

**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): September 1, 2004

SPX CORPORATION

(Exact name of registrant as specified in its charter)

DELAWARE
(State or other jurisdiction of
incorporation or organization)

1-6498
(Commission File Number)

38-1016240
(I.R.S. Employer
Identification No.)

13515 Ballantyne Corporate Place
Charlotte, North Carolina 28277
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code (704) 752-4400

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 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))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers.

On September 1, 2004, Ronald L. Winowiecki, Controller and Chief Accounting Officer of SPX Corporation (the "Company"), resigned effective September 24, 2004. On September 7, 2004, the Company issued a press release related to this event. A copy of the press release is attached as Exhibit 99.1 hereto and incorporated herein by reference.

SIGNATURE

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.

SPX CORPORATION

Date: September 7, 2004

By: /s/ Christopher J. Kearney

Christopher J. Kearney
Vice President, Secretary and
General Counsel

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EXHIBIT INDEX

**Exhibit
Number**

Description

99.1 Press Release issued September 7, 2004.

NEWS RELEASE

[Logo of SPX Corporation]

Contact: Jeremy W. Smeltser (Investors)
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**RONALD L. WINOWIECKI RESIGNS AS SPX'S CONTROLLER
AND CHIEF ACCOUNTING OFFICER**

CHARLOTTE, NC – September 7, 2004 – SPX Corporation (NYSE: SPW) today announced that Ronald L. Winowiecki, Controller and Chief Accounting Officer, is resigning effective September 24, 2004. Mr. Winowiecki is leaving the company to assume the Director of Finance position at a private manufacturing/engineering company in West Michigan.

“We appreciate Ron’s leadership and years of dedicated service to SPX and wish him well in this new opportunity,” said Patrick J. O’Leary, Vice President Finance, Treasurer and Chief Financial Officer.

The company has commenced a search, which will evaluate both internal and external candidates, to fill the Controller and Chief Accounting Officer position. In the interim period, Michael A. Reilly, Assistant Corporate Controller, will assume the duties of Controller and Mr. O’Leary will assume the duties of Chief Accounting Officer.

SPX Corporation is a global provider of technical products and systems, industrial products and services, flow technology, cooling technologies and services, and service solutions. The Internet address for SPX Corporation’s home page is www.spx.com.

Certain statements in this press release are forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and are subject to the safe harbor created thereby. Please refer to our public filings for a discussion of certain important factors that relate to forward-looking statements contained in this press release. The words “believe,” “expect,” “anticipate,” “estimate,” “guidance,” “target” and similar expressions identify forward-looking statements. Although the company believes that the expectations reflected in its forward-looking statements are reasonable, it can give no assurance that such expectations will prove to be correct.

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