

**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): **December 22, 2006**

**SPX CORPORATION**

(Exact name of registrant as specified in its charter)

**DELAWARE**  
(State or other jurisdiction of  
incorporation)

**1-6948**  
(Commission File Number)

**38-1016240**  
(IRS 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))

**Item 5.02. Departure of Principal Officer.**

On December 22, 2006, Tom Riordan gave notice to SPX Corporation (the "Company") of his intent to resign from his position as Executive Vice President and Chief Operating Officer of the Company effective as of December 29, 2006. Mr. Riordan will remain employed with the Company through January 2, 2007, and all other terms of his separation agreement, attached as an exhibit to a Current Report on Form 8-K filed with the Securities and Exchange Commission on November 13, 2006 are unchanged.

2

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: December 29, 2006

By: /s/ Kevin L. Lilly  
Kevin L. Lilly  
Vice President, Secretary  
and General Counsel

