

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person * <u>RIORDAN THOMAS J</u> (Last) (First) (Middle) <u>C/O SPX CORPORATION</u> <u>13515 BALLANTYNE CORPORATE PLACE</u> (Street) <u>CHARLOTTE NC 28277</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SPX CORP [SPW]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP, COO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/06/2006</u>	
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/06/2006		F		2,220 ⁽⁵⁾	D	\$56.5	167,009	D	
Common Stock								5,957	I	401(k) Plan

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Employee stock option to purchase common stock	(1)							12/10/2002	12/09/2007	Common Stock	200,000	200,000	D	
Employee stock option to purchase common stock ⁽²⁾	\$86.4688							08/14/2000	01/01/2008	Common Stock	16,538	16,538	D	
Employee stock option to purchase common stock ⁽²⁾	\$86.4688							08/14/2000	01/13/2007	Common Stock	7,416	7,416	D	
Employee stock option to purchase common stock ⁽²⁾	\$86.4688							08/14/2000	01/13/2007	Common Stock	6,372	6,372	D	
Employee stock option to purchase common stock ⁽²⁾	\$48.44							(3)	01/01/2011	Common Stock	50,000	50,000	D	
Employee stock option to purchase common stock ⁽²⁾	\$58.875							05/11/2001	01/01/2008	Common Stock	19,058	19,058	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee stock option to purchase common stock ⁽²⁾	\$58.875							05/11/2001	01/03/2009	Common Stock	18,786		18,786	D	
Employee stock option to purchase common stock ⁽²⁾	\$69.43							(4)	01/01/2012	Common Stock	50,000		50,000	D	
Employee stock option to purchase common stock ⁽²⁾	\$60.625							02/19/2002	01/03/2009	Common Stock	18,450		18,450	D	
Employee stock option to purchase common stock ⁽²⁾	\$60.625							02/19/2002	01/02/2010	Common Stock	19,952		19,952	D	
Employee stock option to purchase common stock ⁽²⁾	\$38.57							(5)	01/02/2013	Common Stock	50,000		50,000	D	
Employee stock option to purchase common stock ⁽²⁾	\$58.8							12/23/2003	01/02/2010	Common Stock	19,116		19,116	D	

Explanation of Responses:

- The options are for 100,000 shares at \$37.50 per share and 100,000 shares at \$45 per share.
- Granted under the SPX Corporation 2002 Stock Compensation Plan or its predecessor plan, the 1992 Stock Compensation Plan.
- Option vested as to 16,668 shares on January 2, 2002 and 16,666 shares on each of January 2, 2003 and 2004.
- Option vested as to 16,668 shares on January 2, 2003 and 16,666 shares on each of January 2, 2004 and 2005.
- Option vested as to 16,667 shares on each of January 3, 2004 and 2005, and 16,666 shares on January 3, 2006.
- Shares delivered to the issuer for the payment of withholding taxes due upon the vesting of restricted stock previously granted under the SPX Corporation 2002 Stock Compensation Plan.

C.J. Kearney, Attorney In Fact 05/09/2006
for Thomas J. Riordan

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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