

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	
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1. Name and Address of Reporting Person * <u>KEARNEY CHRISTOPHER 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) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chairman, President and CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>10/05/2010</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	10/05/2010		S		400 ⁽⁵⁾	D	\$65.18	438,807	D	
Common Stock	10/06/2010		S		4,344 ⁽⁵⁾	D	\$65	434,463	D	
Common Stock	10/06/2010		M		13,544 ⁽⁵⁾	A	\$48.44	448,007	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.0001	447,907	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.0054	447,807	D	
Common Stock	10/06/2010		S		1,400 ⁽⁵⁾	D	\$65.01	446,407	D	
Common Stock	10/06/2010		S		300 ⁽⁵⁾	D	\$65.019	446,107	D	
Common Stock	10/06/2010		S		700 ⁽⁵⁾	D	\$65.02	445,407	D	
Common Stock	10/06/2010		S		700 ⁽⁵⁾	D	\$65.03	444,707	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.0325	444,607	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.0328	444,507	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.039	444,407	D	
Common Stock	10/06/2010		S		600 ⁽⁵⁾	D	\$65.04	443,807	D	
Common Stock	10/06/2010		S		400 ⁽⁵⁾	D	\$65.05	443,407	D	
Common Stock	10/06/2010		S		300 ⁽⁵⁾	D	\$65.06	443,107	D	
Common Stock	10/06/2010		S		500 ⁽⁵⁾	D	\$65.07	442,607	D	
Common Stock	10/06/2010		S		300 ⁽⁵⁾	D	\$65.08	442,307	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.09	442,207	D	
Common Stock	10/06/2010		S		200 ⁽⁵⁾	D	\$65.1	442,007	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.1018	441,907	D	
Common Stock	10/06/2010		S		100 ⁽⁵⁾	D	\$65.1118	441,807	D	
Common Stock	10/06/2010		S		200 ⁽⁵⁾	D	\$65.1136	441,607	D	
Common Stock	10/06/2010		S		400 ⁽⁵⁾	D	\$65.12	441,207	D	
Common Stock	10/06/2010		S		300 ⁽⁵⁾	D	\$65.13	440,907	D	
Common Stock	10/06/2010		S		200 ⁽⁵⁾	D	\$65.14	440,707	D	
Common Stock	10/06/2010		S		300 ⁽⁵⁾	D	\$65.15	440,407	D	
Common Stock	10/06/2010		S		200 ⁽⁵⁾	D	\$65.1539	440,207	D	
Common Stock	10/06/2010		S		400 ⁽⁵⁾	D	\$65.16	439,807	D	
Common Stock	10/06/2010		S		500 ⁽⁵⁾	D	\$65.17	439,307	D	

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								3,848	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⁾	\$48.44	10/06/2010		M			13,544	(2)	01/01/2011	Common Stock 13,544	\$0	12,323	D	
Employee Stock Option To Purchase Common Stock ⁽¹⁾	\$69.43							(3)	01/01/2012	Common Stock 50,000		50,000	D	
Employee Stock Option To Purchase Common Stock ⁽¹⁾	\$38.57							(4)	01/02/2013	Common Stock 50,000		50,000	D	

Explanation of Responses:

- 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.
- Effected pursuant to a Rule 10b5-1(c) sales plan relating to options expiring January 1, 2011.

/s/ Brian Webb, Attorney in Fact

10/07/2010

** 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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