

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

1. Name and Address of Reporting Person* <u>MILES GEORGE L JR</u>  (Last) (First) (Middle) 225 WEST STATION SQUARE DRIVE, SUITE 700  (Street) PITTSBURGH PA 15219  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>WESCO INTERNATIONAL INC [ WCC ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 12/31/2004	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
WESCO COMMON STOCK								3,501	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				
WESCO COMMON STOCK	\$6.4							07/01/2005	07/01/2012	WESCO COMMON STOCK	5,000		5,000	D	
WESCO COMMON STOCK	\$6.75							07/01/2006	07/01/2013	WESCO COMMON STOCK	5,000		10,000	D	
WESCO COMMON STOCK	\$7.2813							(1)	(1)	WESCO COMMON STOCK	1,716.7264		11,716.7264	D	
WESCO COMMON STOCK	\$4.775							(1)	(1)	WESCO COMMON STOCK	6,282.7225		17,999.4489	D	
WESCO COMMON STOCK	\$5.575							(1)	(1)	WESCO COMMON STOCK	2,690.583		20,690.0319	D	
WESCO COMMON STOCK	\$17.9							07/01/2007	07/01/2014	WESCO COMMON STOCK	5,000		25,690.0319	D	
WESCO COMMON STOCK	\$9.01	12/31/2004	12/31/2004	A		1,664.8168		(1)	(1)	WESCO COMMON STOCK	1,664.8168	\$9.01	27,354.8487	D	

**Explanation of Responses:**

1. Deferred Share Unit Account balance will be paid upon termination of services as a Director.

**Remarks:**

GEORGE L. MILES, JR. 01/04/2005  
 \*\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.