

RUSCHELL CAROLINE T  
 Form 5  
 February 10, 2006

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person \*  
**RUSCHELL CAROLINE T**  
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
**NACCO INDUSTRIES INC [NC]**  
 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
**12/31/2005**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 \_\_\_ Officer (give title below)  Other (specify below)  
 Member of a group

**NACCO INDUSTRIES, INC., 5875 LANDERBROOK DRIVE**  
 (Street)

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Reporting  
 (check applicable line)

**MAYFIELD HEIGHTS, OH 44124**  
 (City) (State) (Zip)

Form Filed by One Reporting Person  
 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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Class A Common Stock	02/10/2005	02/10/2005	G	86 D \$ 0	56,050	D	Â
Class A Common Stock	02/27/2005	02/27/2005	G	104 A \$ 0	56,154	D	Â
Class A Common	08/01/2005	08/01/2005	J <sup>(2)</sup>	2,766 A \$ 0	58,920	D	Â

Stock

Class A Common Stock	11/02/2005	11/02/2005	G	10	D	\$ 0	58,910	D	Â
Class A Common Stock	08/01/2005	08/01/2005	J <sup>(2)</sup>	2,766	D	\$ 0	0	I	By Trust 1 <u>(1)</u>

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

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
					(A) (D)	Date Exercisable Expiration Date	Title	
Class B Common Stock	Â	08/01/2005	08/01/2005	J <sup>(2)</sup>	Â 2,334	Â <sup>(3)</sup> Â <sup>(3)</sup>	Class A Common Stock	2,334
Class B Common Stock	Â	08/01/2005	08/01/2005	J <sup>(2)</sup>	2,334 Â	Â <sup>(3)</sup> Â <sup>(3)</sup>	Class A Common Stock	2,334

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RUSCHELL CAROLINE T NACCO INDUSTRIES, INC. 5875 LANDERBROOK DRIVE MAYFIELD HEIGHTS, Â OH Â 44124	Â	Â	Â	Member of a group

## Signatures

/s/Constantine E. Tsipis, attorney-in-fact for Caroline T. Ruschell

02/10/2006

        \*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* 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).
- (1) Shares are held in an irrevocable trust of which Reporting Person is Trustee, for the benefit of Reporting Person.
- (2) Reporting Person transferred stock from one account to another. No change in beneficial ownership occurred.
- (3) N/A

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### Remarks:

?RemarkÂ onÂ InsiderÂ Relationship?Â -Â AsÂ aÂ memberÂ ofÂ aÂ ?group?Â deemedÂ toÂ ownÂ moreÂ thanÂ 10%Â o

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.