

RUSCHELL CAROLINE T  
 Form 5  
 February 10, 2006

**FORM 5**

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

OMB APPROVAL

OMB Number: 3235-0362  
 Expires: January 31, 2005  
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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]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

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

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
**12/31/2005**

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 \_\_\_\_ Officer (give title below)  Other (specify below)  
 Member of a group

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

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

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

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<sup>(1)</sup>

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)
					(A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares

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
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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
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## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

RUSHELL CAROLINE T NACCO INDUSTRIES, INC. 5875 LANDERBROOK DRIVE MAYFIELD HEIGHTS, OH 44124	Â	Â	Â	Member of a group
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## 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:

Remark on Insider Relationship - As a member of a group deemed to own more than 10% of

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.