NL INDUSTRIES INC

Form 4

January 11, 2008

FORM 4

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

OMB 3235-0287 Number:

burden hours per

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

response...

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * SIMMONS HAROLD C | Symbol | 5. Relationship of Reporting Person(s) to Issuer | | |
|------------------------------------------------------------|---------------------------------|--------------------------------------------------|--|--|
| | NL INDUSTRIES INC [NL] | (Check all applicable) | | |
| (Last) (First) (Middle) | 3. Date of Earliest Transaction | | | |
| | (Month/Day/Year) | X DirectorX 10% Owner | | |
| THREE LINCOLN CENTRE, 5430 | 01/09/2008 | X Officer (give title Other (specify | | |
| I DI EDEEMAN CEE 1500 | | below) below) | | |

LBJ FREEWAY STE 1700

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

Person

Chairman of the Board and CEO

DALLAS, TX 75240-2697

| (City) | (State) (| Zip) Table | e I - Non-D | erivative S | Securi | ties Acq | uired, Disposed o | f, or Beneficial | ly 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | | |
| Common Stock, \$0.125 par value | 01/09/2008 | | P | 500 | A | \$ 8.83 | 617,700 | D | |
| Common Stock, \$0.125 par value | 01/09/2008 | | P | 1,100 | A | \$ 8.84 | 618,800 | D | |
| Common Stock, \$0.125 par value | 01/09/2008 | | P | 100 | A | \$ 8.85 | 618,900 | D | |

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| Common Stock, \$0.125 par value | 01/09/2008 | P | 400 | A | \$ 8.87 | 619,300 | D |
|------------------------------------------|------------|---|--------|---|------------|---------|---|
| Common Stock, \$0.125 par value | 01/09/2008 | P | 400 | A | \$ 8.88 | 619,700 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 300 | A | \$ 8.89 | 620,000 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | Р | 200 | A | \$ 8.81 | 620,200 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 3,400 | A | \$ 8.97 | 623,600 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | Р | 1,300 | A | \$ 8.94 | 624,900 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 1,000 | A | \$ 8.92 | 625,900 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 500 | A | \$ 8.93 | 626,400 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 700 | A | \$ 8.96 | 627,100 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 700 | A | \$ 8.98 | 627,800 | D |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 800 | A | \$ 8.99 | 628,600 | D |
| | 01/09/2008 | P | 14,400 | A | \$ 9 | 643,000 | D |

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| Common Stock, \$0.125 par value | | | | | | | | |
|------------------------------------------|------------|---|--------|---|------------|------------|---|---------------|
| Common Stock, \$0.125 par value | 01/09/2008 | P | 5,300 | A | \$ 8.95 | 648,300 | D | |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 200 | A | \$ 8.78 | 648,500 | D | |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 600 | A | \$ 8.76 | 649,100 | D | |
| Common Stock, \$0.125 par value | 01/09/2008 | P | 8,100 | A | \$ 8.85 | 657,200 | D | |
| Common Stock, \$0.125 par value | 01/10/2008 | P | 5,100 | A | \$ 9.5 | 662,300 | D | |
| Common Stock, \$0.125 par value | 01/11/2008 | P | 10,000 | A | \$ 9.75 | 672,300 | D | |
| Common Stock \$0.125 par value | | | | | | 40,387,531 | I | by Valhi |
| Common Stock \$0.125 par value | | | | | | 222,100 | I | by TFMC |
| Common Stock \$0.125 par value | | | | | | 269,775 | I | by Spouse (3) |

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

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 control number.

SEC 1474 (9-02)

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

| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Title | and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|------------|------------|---------------|-------------|-----------|---------------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transactio | onNumber | Expiration D | ate | Amoun | t of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underly | ying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securiti | ies | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. 3 | 3 and 4) | | Owne |
| | Security | | | | Acquired | | | | | | Follo |
| | • | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | 1 | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date | Expiration | | or Jamahan | | |
| | | | | | | Exercisable | Date | | Number | | |
| | | | | C + V | (A) (D) | | | | of | | |
| | | | | Code V | (A) (D) | | | 2 | Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | | |
|------------------------------------------------------------------------------------------------|---------------|-----------|-------------------------------------|-------|--|--|--|--|
| • 9 | Director | 10% Owner | Officer | Other | | | | |
| SIMMONS HAROLD C THREE LINCOLN CENTRE 5430 LBJ FREEWAY STE 1700 DALLAS, TX 75240-2697 | X | X | Chairman of the Board and CEO | | | | | |

Signatures

A. Andrew R. Louis, Attorney-in-fact, for Harold C. Simmons

> **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).

01/11/2008

- (1) Directly held by Valhi, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship.
- Directly held by TIMET Finance Management Company. See the Additional Information filed as Exhibit 99 to this statement for a **(2)** description of the relationship.
- (3) Directly held by the Reporting Person's spouse. The Reporting Person disclaims beneficial ownership of these shares.

Remarks:

Exhibit Index

99 Additional Information

Note: File three copies of this Form, one of which must be manually signed. If space 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.

Reporting Owners 4