

CHICAGO BRIDGE & IRON CO N V  
 Form 4  
 December 11, 2006

**FORM 4**

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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 NEALE GARY L

2. Issuer Name and Ticker or Trading Symbol  
 CHICAGO BRIDGE & IRON CO N V [CBI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/08/2006

Director  10% Owner  
 Officer (give title below)  Other (specify below)

801 EAST 86TH AVENUE

(Street)

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

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

MERRILLVILLE, IN 46410

(City) (State) (Zip)

**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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------|
|                                 |                                      |                                                    |                                | (A) or (D)                                                        | Price                                                                                         |                                                          |                                   |
|                                 |                                      |                                                    |                                | Code                                                              | V                                                                                             | Amount                                                   |                                   |

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)

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

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|----------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|----------|

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| (Instr. 3) | Price of Derivative Security      | (Month/Day/Year)      | (Instr. 8) | Acquired (A) or Disposed of (D)<br>(Instr. 3, 4, and 5) | (Instr. 3) | (Instr. 4) | (Instr. 5)       | (Instr. 6)      | (Instr. 7)   | (Instr. 8)                 | (Instr. 9) | (Instr. 10) |
|------------|-----------------------------------|-----------------------|------------|---------------------------------------------------------|------------|------------|------------------|-----------------|--------------|----------------------------|------------|-------------|
|            |                                   |                       | Code       | V                                                       | (A)        | (D)        | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |            |             |
|            | Phantom Stock Unit <sup>(1)</sup> | <u>(2)</u> 12/08/2006 | A          |                                                         | 184.74     |            | <u>(3)</u>       | <u>(3)</u>      | Common Stock | 184.74                     | \$ 2       |             |

Reporting Owners

| Reporting Owner Name / Address                                 | Relationships |           |         |       |
|----------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                | Director      | 10% Owner | Officer | Other |
| NEALE GARY L<br>801 EAST 86TH AVENUE<br>MERRILLVILLE, IN 46410 |               | X         |         |       |

Signatures

Cindy A. McMinn as attorney in fact  
 12/11/2006  
 \*\*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) Acquired pursuant to the CB&I Supervisory Board of Directors Fee Payment Plan.
- (2) 1-for-1
- (3) Shares of Phantom Stock are payable in common stock one year after the reporting person's retirement from the Supervisory Board of the Company.

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.