NEMEC JIRI
Form 4
June 19, 2007

FORM 4

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

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

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
NEMEC JIRI

(Last) (First) (Middle)

701 MARKET STREET

(Street)

ST. LOUIS, MO 63101-1826

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
PEABODY ENERGY CORP [BTU]

3. Date of Earliest Transaction (Month/Day/Year)
06/15/2007

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

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Group VP - U.S. Eastern Ops.

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/15/2007		M		5,550	A	$ 10.4875	5,906 (1)	D	
Common Stock	06/15/2007		M		3,072	A	$ 19.3275	8,978 (1)	D	
Common Stock	06/15/2007		M		283	A	$ 22.12	9,261 (1)	D	
Common Stock	06/15/2007		M		282	A	$ 22.12	9,543 (1)	D	
Common Stock	06/15/2007		M		1,128	A	$ 30.505	10,671 (1)	D	

Common Stock	06/15/2007		S	1,715	D	$ 52.3	8,956 (1)	D	
Common Stock	06/15/2007		S	2,400	D	$ 52.29	6,556 (1)	D	
Common Stock	06/15/2007		S	2,900	D	$ 52.28	3,656 (1)	D	
Common Stock	06/15/2007		S	3,300	D	$ 52.27	356 (1)	D	
Common Stock							19,644 (1)	I	By Family Trust

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

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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 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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy) (2)	$ 10.4875	06/15/2007		M			5,550	01/02/2007	01/02/2014	Common Stock	5,550
Employee Stock Option (right to buy) (2)	$ 19.3275	06/15/2007		M			3,072	01/03/2007	01/03/2015	Common Stock	3,072
Employee Stock Option (right to	$ 22.12	06/15/2007		M			283	04/19/2006	04/16/2015	Common Stock	283

buy) [(2)]									
Employee Stock Option (right to buy) [(2)]	$ 22.12	06/15/2007		M	282	04/19/2007	04/16/2015	Common Stock	282
Employee Stock Option (right to buy) [(2)]	$ 30.505	06/15/2007		M	1,128	07/20/2006	07/20/2015	Common Stock	1,128

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
NEMEC JIRI 701 MARKET STREET ST. LOUIS, MO 63101-1826			Group VP - U.S. Eastern Ops.	

Signatures

Jiri Nemec By: Bryan L. Sutter, Attorney-in-Fact	06/19/2007
[**]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) Amounts have been adjusted to reflect the 2-for-1 stock split effected by the Company in February 2006.

(2) The number of outstanding stock options and exercise prices have been adjusted to reflect the 2-for-1 stock split effected by the Company in February 2006.

(3) Not applicable.

(4) The numbers reported in this column 9 of Table II do not include an additional 181,540 options with different expiration dates and exercise prices.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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