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* If the Form is filed by more than one Reporting Person, see Instruction
5(b) (v).

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

(Form 3-07/98)

(Over)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (Right to Buy)	(1)	07/23/07	Common Stock	2,000	\$27.875	D	
Employee Stock Option (Right to Buy)	(2)	07/22/08	Common Stock	3,000	\$22.875	D	
Employee Stock Option (Right to Buy)	(3)	02/25/09	Common Stock	6,000	\$10.6875	D	

Explanation of Responses:

- (1) The option vests in three equal annual installments beginning on July 23, 1998.
- (2) The option vests in three equal annual installments beginning on July 22, 1999.
- (3) The option vests in four annual installments beginning February 25, 2000 in the following amounts: 1/6, 1/3, 1/3, 1/6.

/s/Rosemary L. Klein

February 3, 2000

**Signature of Reporting Person
Rosemary L. Klein, Assistant Secretary,
for John W. Lorson

Date

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations.

See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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

POWER OF ATTORNEY

The undersigned appoints the following individuals, with full power to each of them to act alone, as its true and lawful attorneys-in-fact and agents to execute and file on behalf of the undersigned all Forms 3, 4 and 5, and any amendments thereto, that the undersigned may be required to file with the Securities and Exchange Commission, and any stock exchange or similar authority, as a result of the undersigned's ownership of or transactions in securities of Arch Coal, Inc. The authority of the following individuals under this Power of Attorney shall continue until the undersigned is no longer required to file Forms 3, 4 and 5 with regard to the undersigned's ownership of or transactions in securities of Arch Coal, Inc., unless earlier revoked in writing. The undersigned acknowledges that the following individuals are not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

The following officers of Arch Coal, Inc.:

Secretary of the Corporation

Assistant Secretary of the Corporation

General Counsel of the Corporation

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 3rd day of February, 2000.

/s/ John W. Lorson

(Signature)