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U.S. SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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(f) of the Investment Company Act of 1940

Check box if no longer subject of Section 16. Form 4 or Form 5 obligations
 may continue. See Instruction 1(b).

1. Name and Address of Reporting Person*

Kriegshauser Patrick A.

 (Last) (First) (Middle)

 CityPlace One, Suite 300

 (Street)
 St. Louis Missouri 63141

 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Arch Coal, Inc. (ACI)

3. IRS Identification Number of Reporting Person, if an Entity (Voluntary)

4. Statement for Month/Year

February, 1999

5. If Amendment, Date of Original (Month/Year)

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

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

Senior Vice President and Chief Financial Officer

7. Individual or Joint/Group Filing (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 (mm/dd/yy)	3. Transaction Code (Instr. 8) ----- Code V	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at End of Month (Instr. 3 and 4)	6. Owner- ship Form: Direct (D) or Indirect (I) (Instr.4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Amount	(A) or (D)	Price			
Common Stock	2/3/99	P	1,000	A	12.00	I	By trust	
Common Stock	2/16/99	P	100	A	10.50	I	By trust	
Common Stock	2/16/99	P	1,000	A	10.3125	I	By trust	
Common Stock	2/17/99	I V	2,000	A	10.00	I	By 401(k)	

