FORM	15					OMB A	APPROVAL		
	-	STATES SE	CURITIES AN	ND EXCHANGE (	COMMISSION	OMB Number:	3235-0362		
Check this box if <b>Wa</b> no longer subject			Washington,	ashington, D.C. 20549			January 31, 2005		
to Section Form 4 or 5 obligatio may contir <i>See</i> Instruc 1(b). Form 3 Ho Reported	Form ANN ns nue. ction Filed pu	OW rsuant to Sect (a) of the Publ	<b>NERSHIP OF</b> ion 16(a) of the lic Utility Hold	ENT OF CHANGES IN BENEFICIAL RSHIP OF SECURITIES 16(a) of the Securities Exchange Act of 1934, Jtility Holding Company Act of 1935 or Section			Estimated average burden hours per response 1.0		
Form 4 Transactio Reported	ns	30(n) of t	ne investment (	Company Act of 194	ŧŪ				
I. Name and A BURKE FR	ddress of Reporting ANK M	Syr	ssuer Name <b>and</b> Ti nbol RCH COAL ING	C C	5. Relationship of Issuer	Reporting Pe	rson(s) to		
(Last)	(Last) (First) (Middle)			r's Fiscal Year Ended	(Chec	k all applicab	le)		
				/Day/Year)		X_ Director 10% Owner Officer (give title Other (specify			
ONE CITY	PLACE DRIVE	12/	/31/2005		below)	below)	ner (speeny		
	(Street)		f Amendment, Date ed(Month/Day/Year)	e Original	6. Individual or Jo	vint/Group Re			
ST. LOUIS,	MO 63141				_X_ Form Filed by ( Form Filed by N Person				
(City)	(State)	(Zip)	Table I - Non-De	erivative Securities Acc	luired, Disposed of	, or Beneficia	ally Owned		
	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date any (Month/Day/Yo	Code	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price	SecuritiesHBeneficially(Owned at endI	5. Ownership Form: Direct D) or ndirect (I) Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
	ort on a separate lin ïcially owned direc		contained	who respond to the c I in this form are not displays a currently v	required to resp	ond unless	SEC 2270 (9-02)		
	Tab			ired, Disposed of, or Bo options, convertible sec					

Security

(Instr. 3)

or Exercise

Price of Derivative

/Day/Year)	Execution Date, if	Transaction	of	Expiration Date	Underlying Securities	Deriv
	any	Code	Derivative	(Month/Day/Year)	(Instr. 3 and 4)	Secu
	(Month/Day/Year)	(Instr. 8)	Securities			(Insti
			Acquired			

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	Security				(A) or Dispos of (D) (Instr. and 5)	sed 3, 4,					
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	Â	03/15/2005	Â	А	30	Â	(2)	(2)	Common Stock	30	\$4
Phantom Stock	Â	03/31/2005	Â	А	233	Â	(2)	(2)	Common Stock	233	\$4
Phantom Stock	Â	06/15/2005	Â	А	24	Â	(2)	(2)	Common Stock	24	\$ 5
Phantom Stock	Â	07/01/2005	Â	А	182	Â	(2)	(2)	Common Stock	182	\$ 5
Phantom Stock	Â	09/14/2005	Â	А	21	Â	(2)	(2)	Common Stock	21	\$ 6
Phantom Stock	Â	10/01/2005	Â	А	145	Â	(2)	(2)	Common Stock	145	\$ 6
Phantom Stock	Â	12/14/2005	Â	А	17	Â	(2)	(2)	Common Stock	17	\$ 8
Phantom Stock	Â	12/30/2005	Â	А	126	Â	(2)	(2)	Common Stock	126	\$ 7

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
I B	Director	10% Owner	Officer	Other			
BURKE FRANK M ONE CITYPLACE DRIVE ST. LOUIS, MO 63141	ÂX	Â	Â	Â			
Signatures							
/s/ Gregory A. Billhartz, Attorney-in-Fact	02/14/2006						
**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) Each share of phantom stock represents a right to receive the value in cash of one share of Arch Coal, Inc. common stock. The shares of phantom stock are held by the director through the Arch Coal, Inc. Deferred Compensation Plan for Non-Employee Directors (the "Plan") and represent past compensation that the director elected to defer under the Plan into a hypothetical investment in shares of Arch Coal,

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Inc. common stock and/or dividends attributable to such deferred amounts.

(2) Shares of phantom stock are payable in cash following termination of the director's service as a director of Arch Coal, Inc. The director may transfer certain portions of the phantom stock account into an alternative investment account at any time.

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