## Edgar Filing: Godley Patricia Fry - Form 4

| October 05, 2010  |   |   |   |   |  |  |   |  |
|---|---|---|---|---|--|--|---|--|
|   |   |   |   |   |  |  |   |  |
| FORM 4 LINITED  |   |   |   |   |  |  | PPROVAL   |  |
| Washington, D.C. 20549  |   |   |   |   |  |  | 3235-0287   |  |
| Check this box<br>if no longer  |   |   |   |   |  |  | January 31,<br>2005   |  |
| subject to<br>Section 16. SECURITIES<br>Form 4 or                           |   |   |   |   |  |  | average<br>urs per<br>. 0.5                                       |  |
| abligations   | rsuant to Section<br>(a) of the Public U<br>30(h) of the I                    | Utility Hol   | ding Cor                                  | npany Act   | of 1935 or Section   | on   |   |  |
| (Print or Type Responses)   |   |   |   |   |  |  |   |  |
| 1. Name and Address of Reporting<br>Godley Patricia Fry                     | g Person <u>*</u> 2. Issu<br>Symbol   | 2. Issuer Name <b>and</b> Ticker or Trading<br>Symbol |   |   | 5. Relationship of Reporting Person(s) to Issuer   |  |   |  |
|   | ARCH  | I COAL IN   | NC [ACI]                                  | ]   | (Che   | ck all applicabl   | e)  |  |
| (Last) (First) ONE CITYPLACE DRIVE  | (Middle) 3. Date of Earliest Transaction<br>(Month/Day/Year)<br>VE 10/01/2010 |   |   |   | _X_ Director 10% Owner<br>Officer (give title Other (specify                                       |  |   |  |
| (0,)  |   |   |   |   | below)   | below)   |   |  |
| (Street) 4. If Amendment, Date Original<br>Filed(Month/Day/Year)            |   |   | l   | <ul> <li>6. Individual or Joint/Group Filing(Check</li> <li>Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> <li> Form filed by More than One Reporting</li> </ul> |  |  |   |  |
| ST. LOUIS, MO 63141   |   |   |   |   | Person   | wore than One K  | eporung   |  |
| (City) (State)  | (Zip) Tal   | ble I - Non-l   | Derivative                                | Securities A  | Acquired, Disposed of  | of, or Beneficia   | lly Owned   |  |
| 1.Title of<br>Security<br>(Instr. 3)2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)                   | 3.<br>Transactio<br>Code<br>(Instr. 8)<br>Code V      | Disposed<br>(Instr. 3, 4                  | (A) or<br>of (D)  | Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
| Reminder: Report on a separate lin  | e for each class of sec   |   | ficially own<br>Perso<br>inforn<br>requir | ned directly<br>ons who responstion con<br>red to resp  |  | are not<br>m   | SEC 1474<br>(9-02)  |  |

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

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

|                  | Derivative<br>Security |            |      |   | <ul><li>(A) or</li><li>Disposed</li><li>(D)</li><li>(Instr. 3, and 5)</li></ul> |     |                     |                    |                 |  |       |
|------------------|------------------------|------------|------|---|---|-----|---------------------|--------------------|-----------------|--|-------|
|                  |                        |            | Code | V | (A)   | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of<br>Shares |       |
| Phantom<br>Stock | <u>(1)</u>             | 10/01/2010 | А    |   | 1,545   |     | (2)                 | (2)                | Common<br>Stock | 1,545                                  | \$ 26 |

## **Reporting Owners**

| <b>Reporting Owner Name / Address</b>                             | Relationships |           |              |  |  |  |  |
|---|---------------|-----------|--------------|--|--|--|--|
|   | Director      | 10% Owner | Officer Othe |  |  |  |  |
| Godley Patricia Fry<br>ONE CITYPLACE DRIVE<br>ST. LOUIS, MO 63141 | Х             |           |              |  |  |  |  |
| Signatures  |               |           |              |  |  |  |  |

| /s/ Jon S. Ploetz,<br>Attorney-in-Fact | 10/05/2010 |
|--|------------|
| **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).

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")

- phantom stock are need by the director through the Arch Coal, inc. Deterred Compensation Fian for Non-Employee Directors (the Fian and represent past compensation that the director elected to defer under the Plan into a hypothetical investment in shares of Arch Coal, 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 amounts held in 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 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.