

MUELLER MICHAEL G  
 Form 5  
 February 14, 2005

**FORM 5**

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

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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
**MUELLER MICHAEL G**  
  
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
**AMEREN CORP [AEE]**

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

**P. O. BOX 66149**  
  
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
**12/31/2004**

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 \_\_\_\_ Officer (give title below)  Other (specify below)  
 President of Subsidiary

**ST. LOUIS, MO 63166-6149**

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

6. Individual or Joint/Group Reporting  
  
 (check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

**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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock, \$.01 Par Value	Â	Â	Â	Â	Â	Â	701 <u>(1)</u>	I	By 401K
Common Stock, \$.01 Par Value	Â	Â	Â	Â	Â	Â	78 <u>(2)</u>	I	By ESOP
Common	Â	Â	Â	Â	Â	Â	49 <u>(3)</u>	I	Custodian

Stock, \$.01 Par Value										for Daughter #1
Common Stock, \$.01 Par Value	Â	Â	Â	Â	Â	Â	58 <sup>(3)</sup>	I		Custodian for Daughter #2
Common Stock, \$.01 Par Value	Â	Â	Â	Â	Â	Â	41 <sup>(4)</sup>	I		Custodian for Son
Common Stock, \$.01 Par Value	02/11/2005	Â	A	1,640 <sup>(5)</sup>	A	\$ 51.21	9,705 <sup>(6)</sup>	D	Â	

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

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(9-02)

**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)	8. Amount or Number of Shares
Stock Option	\$ 31	Â	Â	Â	Â Â	Date Exercisable: 02/11/2002 Expiration Date: 02/11/2010	Title: Common Stock, \$.01 Par Value	1,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MUELLER MICHAEL G	Â	Â	Â	President of Subsidiary

P. O. BOX 66149  
ST. LOUIS, MO 63166-6149

## Signatures

G. L. Waters, Asst. Secy. for Michael G.  
Mueller

02/14/2005

\_\_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) Includes a total of 96 shares acquired monthly from January through December 2004 at prices ranging from \$42.23 to \$50.11.
- (2) Amount includes a total of 4 shares acquired during the first through fourth quarters of 2004 through reinvested dividends at prices ranging from \$42.23 to \$50.11.
- (3) Amount includes a total of 3 shares acquired during the first through fourth quarters of 2004 through reinvested dividends at prices ranging from \$42.23 to \$50.11.
- (4) Amount includes a total of 2 shares acquired during the first through fourth quarters of 2004 through reinvested dividends at prices ranging from \$42.23 to \$50.11.
- (5) Grant of restricted stock.
- (6) Amount includes a total of 429 shares acquired during the first through fourth quarters of 2004 through reinvested dividends at prices ranging from \$42.23 to \$50.11.

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.