

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)

P. O. BOX 66149

 (Street)

ST. LOUIS, MO 63166-6149

 (City) (State) (Zip)

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

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

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

5. Relationship of Reporting Person(s) to Issuer

 (Check all applicable)

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

 6. Individual or Joint/Group Reporting

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

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

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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.