FORM 5

- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b). (
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(Print or Type Responses)

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

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

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STROUD, Andrew B. Great Plains Energy Incorporated (GXP) Andrew B. Andre B. Andrew B. Andrew B.	1. Name and Address of Reporting Person*	2. Issue	2. Issuer Name and Ticker or Trading Symbol					nt for ear	6. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Kansas City, MO 64106 3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary) 5 If Amendment, Date of Original (Month/Day/Year) 7. Individual or Joint/Group Filing (Check Applicable Line) Kansas City, MO 64106 (City (State) (Zip) 1 Mon-Derivative Securities Acquired, Disposed of, or Beneficially Owned 7. Individual or Joint/Group Filing (Check Applicable Line) Kansas City, MO 64106	(Last) (First) (Middle) 1201 Walnut					200)2	<u>X</u> Office	or er (give title below)	_				
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/ Year) 2A. Deemed Execution Date (Month/ Date (Month/ Date) 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 6. Ownership Form: Direct (D) or Indirect (D) (Instr. 4) 7. Nature of Indirect Beneficial Ownership (Instr. 4)	Kansas City, MO 64106 3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary)					D 0 (N	Date of Original X Form filed by One Reporting Person (Month/Day/							
(Instr. 3) Date (Month/Day/ Year) Execution Date (Month/Day/ Year) Execution Date (Month/ Day/Year) Code (Instr. 8) or Disposed of (D) (Instr. 3, 4 and 5) Beneficially Owned at End of Issuer's Fiscal Year Form: Direct (D) or Indirect (I) (Instr. 4) Indirect Beneficial Ownership (Instr. 4) Code V Amount (D) Or Price Beneficially Owned at Year Form: Direct (D) or Indirect (I) (Instr. 4) Indirect Beneficial Ownership (Instr. 4)		Ta	ble I ¾ Non-Der	ivative S	ecurities	Acquired,	Dispos	ed of, or I	Beneficial	ly Owned				
Common Stock(1)(1)(1)P175A(1)175I401-kImage: Common Stock(1)Image: Common Stock(1)Im		Date Execution Code (Month/Day/ Date (Instr. Year) Day/Year)			8)	or Disp (Instr. 3	osed of 3, 4 and (A) or	(D) 5)	ice	Beneficially Owned at End of Issuer's Fiscal (D) or Year Indirect (I)		Indirect Beneficial Ownership		
	Common Stock(1)	(1)	(1)	Р		175	5 A	A (1)		175	I	401-k		
Image: Second														
Image: Second														

(1) Shares acquired through automatic payroll deduction/investment through participation in the Company's 401-k Plan.

FORM 5 (con	tinued)	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. Transa Code (Instr.a				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		 9. Number of Derivative Securities Beneficially Owned at End of Year (Instr. 4)	10. Ownership Form of Derivative Securities Beneficially Owned at End of Month (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Options (Right to Buy)(2)												12,000	D	
Performance Shares(3)												5,000	D	

Explanation of Responses:

(2) Options were granted in tandem with stock appreciation rights exercisable automatically in the event of a change in control as defined by the Long-Term Incentive Plan under which they are granted. Options may be exercised with cash or previously-owned shares of Common Stock.

(3) Award of Performance Shares under the Long-Term Incentive Plan. Payment to which Grantee shall be entitled at the end of 2004 upon the performance of certain goals will be equal to the Fair Market Value of the number of shares of the Company's Common Stock equal to the number of Performance Shares earned. Payment will be made in Common Stock unless deemed otherwise.

/s/Andrew B. Stroud	January 17, 2003
**Signature of Reporting Person	Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.