FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* RIGGINS WILLIAM G (Last) (First) (Middle) 1201 WALNUT (Street) KANSAS CITY MO 64106 (City) (State) (Zip)							2. Issuer Name and Ticker or Trading Symbol GREAT PLAINS ENERGY INC [GXP] 3. Date of Earliest Transaction (Month/Day/Year) 08/05/2003 4. If Amendment, Date of Original Filed (Month/Day/Year)									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title Other (specify below) General Counsel 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transa Date (Month/D					saction	action 2A. Deemed Execution Date		ned n Date,	3.		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) or	5. Amoun Securities Beneficial Owned Fo	Form (D) or (I) (In:		Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A) (D)	or 1	Price	Transaction(s) (Instr. 3 and 4)					
Common Stock ⁽¹⁾ 08/05/3						2003 ⁽¹⁾		.)	P	V	158	A	.	(1)	1,514		I		401-k	
Common Stock ⁽²⁾ 08/05/					5/200	5/2003 08/05/		/2003	J (2)		2,250	A		(2) 2,		250		D		
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction		Date, Transa Code (I		calls	5. Num Deriva Securi Acquir or Disp	Warrants, C 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		s, c	onvertib sable and te	7. Title and Amount of Securities Underlying Derivative Sec (Instr. 3 and 4)		ecurity mount	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	de V (A)		(D)	Date Exercisable		Date	Title		hares						
Stock Options (Right to Buy) ⁽³⁾	\$27.73	08/05/2003	08/05/20	03	A		1,531		08/05/2006		08/05/2013	Common Stock 1,		.,531	(3)	13,531		D		
Performance Shares ⁽⁴⁾	(4)	08/05/2003	08/05/20	03	н		5,000		(4)		(4)	Commo		(4)	(4)	0		D		

Explanation of Responses:

(5)

1. Shares acquired since last report was filed through automatic payroll deduction/investment and participation in the Company's 401-k Plan.

08/05/2003

2. Award of Restricted Stock pursuant to the Company's Long-Term Incentive Plan.

08/05/2003

3. 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.

(5)

(5)

- 4. Cancellation of Performance Shares.
- 5. Award of Performance Shares under the Long-Term Incentive Plan. Payment to which Grantee shall be entitled at the end of 2006 will be based on the performance of the Company and paid in Common Stock in an amount ranging from zero (0) to 200 percent (200%) of the performance shares awarded.

Remarks:

Performance

Shares⁽⁵⁾

William G. Riggins

Stock

08/05/2003

1,138

D

** Signature of Reporting Person

1,138

(5)

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.

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