

OMB APPROVAL	
OMB Number:	3235-0287
Expires:	December 31, 2014
Estimated average burden hours per response:	0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* <u>DESTEFANO JOHN J</u> (Last) (First) (Middle) (Street) (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>GREAT PLAINS ENERGY INC [GXP]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President-Great Plains Power</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/16/2003</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock ⁽¹⁾	08/08/1988 ⁽¹⁾	08/08/1988 ⁽¹⁾	p ⁽¹⁾	V	238 ⁽¹⁾	A	0 ⁽¹⁾	9,306	I	401-k
Common Stock ⁽²⁾	08/08/1988 ⁽²⁾	08/08/1988 ⁽²⁾	p ⁽²⁾	V	2 ⁽²⁾	A	0 ⁽²⁾	103	D	
Common Stock	05/16/2003	05/16/2003	M		5,000	A	26.1875	5,103	D	
Common Stock ⁽³⁾	05/16/2003	05/16/2003	J		2,679	A	0 ⁽³⁾	7,782	D	
Common Stock	05/19/2003	05/20/2003	S		4,000	D	27.5	3,782	D	
Common Stock	05/19/2003	05/20/2003	S		1,000	D	27.51	2,782	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	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	V	(A)	(D)	Date Exercisable	Expiration Date					
Stock Options (Right to Buy) ⁽⁴⁾	0 ⁽⁴⁾	08/08/1988 ⁽⁴⁾	08/08/1988 ⁽⁴⁾	J ⁽⁴⁾		0 ⁽⁴⁾		08/08/1988 ⁽⁴⁾	08/08/1988 ⁽⁴⁾	0 ⁽⁴⁾	\$0 ⁽⁴⁾	12,000	D	
Performance Shares ⁽⁵⁾	0 ⁽⁵⁾	08/08/1988 ⁽⁵⁾	08/08/1988 ⁽⁵⁾	J ⁽⁵⁾		0 ⁽⁵⁾		08/08/1988 ⁽⁵⁾	08/08/1988 ⁽⁵⁾	0 ⁽⁵⁾	\$0 ⁽⁵⁾	5,000 ⁽⁵⁾	D	

Explanation of Responses:

- Shares acquired through automatic deduction/investment through participation in the Company's 401-k Plan.
- Shares acquired through automatic reinvestment of quarterly dividends through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.
- Reinvested dividends accrued on stock options from date of grant to date of exercise.
- Options were granted in tandem with stock appreciation rights exercisable automatically in the event of a change in control as defined in the Long-Term Incentive Plan under which they are granted. Options may be exercised with cash or previously-owned shares of Common Stock.
- 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/John J. DeStefano 05/20/2003

** 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.