FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: 3235-0287 Expires: January 31, 2005 Estimated average burden hours per response...0.5

(Print or Type Responses)

(Print or Type Respon							, ,										
1. Name and Address	2. Issuer Name and Ticker or Trading Symbol					4. Statement for Month/Day/			6. Relationship of Reporting Person(s) to Issuer (Check all applicable)								
MOORE Nancy J.				Great Plains Energy					ear								
(Last)	(Last) (First) (Middle)					Incorporated (GXP)					10% Owner						
1201 Walnut						09-06-2002			X Officer (give title below) Vice President-Customer Services - Kansas City Power & Light Company (a wholly-owned subsidiary of Great Plains Energy Incorporated)								
		I.R.S. Identification Number of Reporting Person, if an entity					ment,	7. Individual or Joint/Group Filing (Check Applicable Line)									
Kansas City,	Kansas City, MO 64106					(Voluntary)					X Form filed by One Reporting Person						
									(Month/Day/ Year			Form filed by More than One Reporting Person					
(City	(St	tate) (Z	Zip)	<u></u>													
				Ta	ıble I ¾ Non-Der	ivative Se	ecurities <i>F</i>	Acquired, D	ispose	d of, or B	eneficially	Owned					
1. Title of Security (Instr. 3)				nsaction e nth/Day/ r)	2A. Deemed Execution Date (Month/ Day/Year)	3. Transa Code (Instr.8		or Dispo	ecurities Acquired (A) Disposed of (D) nstr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at End of Month (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
					Bayricary		V	Amount	ount (A) or (D) Pr		rice		(mou)	(1130.4)			
Common Stock(1) 09-			09-0	06-02	09-09-2002	P		30	A	\$19.	.7389	4,530	I	401-k			
Common Stock												344	D				

^{1.} Shares acquired through participation in the Company's 401-k Plan.

FORM 4 (continued)		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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned at End of Month (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/Nancy J. Moore

**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.