

FORM 8-K

Current Report

Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported):  
August 12, 2002

GREAT PLAINS ENERGY INCORPORATED  
(Exact name of registrant as specified in its charter)

0-33207  
(Commission file number)

MISSOURI 43-1916803  
(State of other jurisdiction or (I.R.S. Employer  
incorporation or Identification No.)  
organization)

1201 Walnut  
Kansas City, Missouri 64106  
(Address of principal executive offices)

(816) 556-2200  
(Registrant's telephone number, including area code)

NOT APPLICABLE  
(Former name or former address, if changed since last  
report)

ITEM 7. FINANCIAL STATEMENTS AND EXHIBITS

(c) Exhibit  
No.  
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- 99.1 Statement Under Oath of Principal Executive Officer  
and Principal Financial Officer Regarding Facts and  
Circumstances Relating to Exchange Act Filings dated  
August 12, 2002 as signed by Bernard J. Beaudoin.
- 99.2 Statement Under Oath of Principal Executive Officer  
and Principal Financial Officer Regarding Facts and  
Circumstances Relating to Exchange Act Filings dated  
August 12, 2002 as signed by Andrea F. Bielsker.

ITEM 9. REGULATION FD DISCLOSURE

On August 12, 2002, Bernard J. Beaudoin, Chairman of  
the Board, President and Chief Executive Officer, and Andrea F.  
Bielsker, Senior Vice President-Finance, Chief Financial Officer  
and Treasurer, of Great Plains Energy Incorporated submitted to  
the SEC sworn statements pursuant to Securities and Exchange  
Commission Order No. 4-460. A copy of each of these statements  
is attached hereto as Exhibit 99.1 and 99.2.

SIGNATURES

Pursuant to the requirements of the Securities Exchange  
Act of 1934, the registrant has duly caused this report to be

signed on its behalf by the undersigned hereunto duly authorized.

GREAT PLAINS ENERGY INCORPORATED

/s/Jeanie Sell Latz

Jeanie Sell Latz  
Executive Vice President-Corporate  
and Shared Services and Secretary

Date: August 12, 2002

Statement Under Oath of Principal Executive Officer  
and Principal Financial Officer Regarding Facts and  
Circumstances Relating to Exchange Act Filings

I, Bernard J. Beaudoin, Chairman of the Board, President and  
Chief Executive Officer of Great Plains Energy Incorporated,  
state and attest that:

1. To the best of my knowledge, based upon a review of the covered reports of Great Plains Energy Incorporated, and, except as corrected or supplemented in a subsequent covered report:
  - no covered report contained an untrue statement of a material fact as of the end of the period covered by such report (or in the case of a report on Form 8-K or definitive proxy materials, as of the date on which it was filed); and
  - no covered report omitted to state a material fact necessary to make the statements in the covered report, in light of the circumstances under which they were made, not misleading as of the end of the period covered by such report (or in the case of a report on Form 8-K or definitive proxy materials, as of the date on which it was filed).
2. I have reviewed the contents of this statement with the Company's audit committee.
3. In this statement under oath, each of the following, if filed on or before the date of this statement, is a "covered report":
  - Report on Form 10-K for the year ended December 31, 2001 of Great Plains Energy Incorporated;
  - all reports on Form 10-Q, all reports on Form 8-K and all definitive proxy materials of Great Plains Energy Incorporated filed with the Commission subsequent to the filing of the Form 10-K identified above; and
  - any amendments to any of the foregoing.

/s/Bernard J. Beaudoin  
Bernard J. Beaudoin

August 12, 2002

Subscribed and sworn to  
before me this 12th day of  
August, 2002

/s/Jacquetta L. Hartman  
Notary Public

My Commission Expires: April 8, 2004

Statement Under Oath of Principal Executive Officer  
and Principal Financial Officer Regarding Facts and  
Circumstances Relating to Exchange Act Filings

I, Andrea F. Bielsker, Senior Vice President-Finance, Chief  
Financial Officer and Treasurer of Great Plains Energy  
Incorporated, state and attest that:

1. To the best of my knowledge, based upon a review of the covered reports of Great Plains Energy Incorporated, and, except as corrected or supplemented in a subsequent covered report:
  - no covered report contained an untrue statement of a material fact as of the end of the period covered by such report (or in the case of a report on Form 8-K or definitive proxy materials, as of the date on which it was filed); and
  - no covered report omitted to state a material fact necessary to make the statements in the covered report, in light of the circumstances under which they were made, not misleading as of the end of the period covered by such report (or in the case of a report on Form 8-K or definitive proxy materials, as of the date on which it was filed).
2. I have reviewed the contents of this statement with the Company's audit committee.
3. In this statement under oath, each of the following, if filed on or before the date of this statement, is a "covered report":
  - Report on Form 10-K for the year ended December 31, 2001 of Great Plains Energy Incorporated;
  - all reports on Form 10-Q, all reports on Form 8-K and all definitive proxy materials of Great Plains Energy Incorporated filed with the Commission subsequent to the filing of the Form 10-K identified above; and
  - any amendments to any of the foregoing.

/s/Andrea F. Bielsker  
Andrea F. Bielsker

August 12, 2002

Subscribed and sworn to  
before me this 12th day of  
August, 2002

/s/Jacquetta L. Hartman  
Notary Public

My Commission Expires: April 8, 2004