UNITED STATES

SECURITIES AND EXCHANGE COMMISSION Washington, D. C. 20549

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 27, 2001

POTOMAC ELECTRIC POWER COMPANY (Exact name of registrant as specified in its charter)

District of Columbia and Virginia (State or other jurisdiction of incorporation)

1-1072 (Commission File Number)

53-0127880 (I.R.S. Employer Identification No.)

1900 Pennsylvania Avenue, N. W., Washington, D. C. (Address of principal executive offices

20068

Registrant's telephone number, including area code

(Former Name or Former Address, if Changed Since Last Report)

(Zip Code)

(202) 872-3526

PEPCO Form 8-K

Item 5. Other Events.

Exhibit 99, attached hereto, is hereby incorporated by reference.

Item 7. Financial Statements and Exhibits. (c) Exhibits Exhibit No. Description of Exhibit **Reference** 99 2001 Mid-Year Report of Potomac Electric Filed herewith. Power Company

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.

> Potomac Electric Power Company (Registrant)

By: <u>A. W. WILLIAMS</u> Andrew W. Williams Senior Vice President and Chief Financial Officer

August 27, 2001 DATE