

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 17, 2007

**THE DOW CHEMICAL COMPANY**  
(Exact name of registrant as specified in its charter)

Delaware	1-3433	38-1285128
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

2030 Dow Center, Midland, Michigan 48674  
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code:  
(989) 636-1000

Not applicable  
(Former name or former address, if changed since last report.)

**Item 5.02 Departure of Directors or Principal Officers;  
Election of Directors; Appointment of Principal Officers**

(d) New Director

On August 17, 2007, the Board of Directors of The Dow Chemical Company (the "Company") elected Dennis H. Reilley Director of the Company.

At the present time, Mr. Reilley has not been named to any Board committees.

There is no arrangement or understanding between Mr. Reilley and any other person pursuant to which Mr. Reilley was elected as a Director of the Company. There are no transactions in which Mr. Reilley has an interest requiring disclosure under Item 404(a) of Regulation S-K.

**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 thereunto duly authorized.

Dated: August 20, 2007

THE DOW CHEMICAL COMPANY

By: /s/WILLIAM H. WEIDEMAN  
Name: William H. Weideman  
Title: Vice President and  
Controller