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): December 14, 2006

TRANSACTION SYSTEMS ARCHITECTS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction

0-25346 (Commission File Number) 47-0772104 (IRS Employer

of incorporation)

120 Broadway, Suite 3350

Identification No.)

New York, New York 10271

(Address of principal executive offices) (Zip Code)

Registrant s Telephone Number, Including Area Code: (646) 348-6700

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

1

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

Transaction Systems Architects, Inc. (the Company) announced today that the Company will not file its Annual Report on Form 10-K for the year ended September 30, 2006 on the December 14, 2006 required filing date. As announced on October 27, 2006, the Company s Audit Committee is conducting a voluntary review of its historical stock option grants for all periods from 1995 through the present. That review and the related audit procedures to be performed by the Company s outside auditors are not complete. The Company intends to continue to devote all available resources with the objective of filing its Form 10-K for such period as promptly as practicable. A copy of the Company s press release is furnished and attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The foregoing information (including the exhibit hereto) is being furnished under Item 7.01 Regulation FD Disclosure. Such information (including the exhibit hereto) shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

The filing of this Report and the furnishing of this information pursuant to Item 7.01 does not mean that such information is material or that disclosure of such information is required.

Item 9.01. Financial Statements and Exhibits.

Exhibit 99.1 Press Release dated December 14, 2006.

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.

TRANSACTION SYSTEMS ARCHITECTS, INC.

/s/ Henry C. Lyons Henry C. Lyons Senior Vice President and Chief Financial Officer

Date: December 14, 2006

EXHIBIT INDEX

Exhibit No.

Exhibit Description Press Release dated December 14, 2006. Exhibit 99.1