



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

September 9, 2010

Mr. Mark E. Ties
Chief Financial Officer
XATA Corporation
965 Prairie Center Drive
Eden Prairie, MN 55344

Re: XATA Corporation
Form 10-Q for the Quarterly Period Ended March 31, 2010
File No. 000-27166

Dear Mr. Ties:

We have completed our review of your Form 10-Q and have no further comments at this time on the specific issues raised.

Sincerely,

Stephen G. Krikorian
Accounting Branch Chief