Mr. Christopher R. Reidy Chief Financial Officer Automatic Data Processing, Inc. One ADP Boulevard Roseland, NJ 07068

Re: Automatic Data Processing, Inc.

Form 10-K for the Fiscal Year Ended June 30, 2008

Filed August 29, 2008

Form 10-Q for the Quarterly Period Ended December 31, 2008

Filed February 9, 2009 File No. 001-05397

Dear Mr. Reidy:

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

Sincerely,

Stephen Krikorian Accounting Branch Chief