



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 3720

November 17, 2009

Via U.S. Mail and Fax (408.744.1711)

Ms. Rene Schena
Chairman and Chief Executive Officer
Arrayit Corporation
524 East Weddell Drive
Sunnyvale, CA 94089

**Re: Arrayit Corporation
Form 10-K for Fiscal Year Ended December 31, 2008
Filed April 15, 2009
File No. 1-16381**

Dear Ms. Schena:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

Larry Spigel
Assistant Director

cc: Sonfield & Sonfield
via facsimile: (713) 877-1547