



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 4561

February 10, 2017

Michael Bell
President and Chief Executive Officer
Silver Spring Networks, Inc.
230 W. Tasman Drive
San Jose, California 95134

**Re: Silver Spring Networks, Inc.
Form 10-K for the Fiscal Year Ended December 31, 2015
Filed March 9, 2016**

Dear Mr. Bell:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Stephen Krikorian

Stephen Krikorian
Accounting Branch Chief
Office of Information Technologies
and Services