



DIVISION OF  
CORPORATION FINANCE

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

October 19, 2010

Mr. Francois-Xavier Roger  
Chief Financial Officer  
Millicom International Cellular S.A.  
15 Rue Leon Laval  
L-2272 Leudelange  
Grand-Duchy of Luxembourg

**Re: Millicom International Cellular S.A.**  
**Form 20-F for Fiscal Year Ended December 31, 2009**  
**Filed March 5, 2010**  
**File No. 0-22828**

Dear Mr. Roger:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Larry Spigel  
Assistant Director