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**NASDAQ**  
THE NASDAQ OMX GROUP



14007791

William Slattery, CFA  
Vice President  
Listing Qualifications

Received SEC

OCT 16 2014

Washington, DC 20549

By Electronic Mail

October 16, 2014

Mr. Jeffrey Thomas  
Chief, IT Services  
Division of Corporation Finance  
U.S. Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549

Dear Mr. Thomas:

This is to certify that on October 10, 2014 The Nasdaq Stock Market (the "Exchange") received from Xenon Pharmaceuticals Inc. (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following security:

Common Shares, no par value per share

We further certify that the security described above has been approved by the Exchange for listing and registration upon official notice of issuance.

We understand that the Registrant is seeking effectiveness of the Form 8-A 12(b) concurrently with effectiveness of its 1933 Act Registration Statement, and we hereby join in such request.

Sincerely,

*William Slattery*