

VIA EDGAR

Ms. Sherry Haywood  
Mr. Geoffrey Kruczek  
Ms. Effie Simpson  
Mr. Mark Rakip  
Division of Corporation Finance  
Office of Manufacturing  
U.S. Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549

Re: GLOBALFOUNDRIES Inc.  
Registration Statement on Form F-1 (File No. 333-260003)

Dear Ms. Haywood, Mr. Kruczek, Ms. Simpson and Mr. Rakip:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, GLOBALFOUNDRIES Inc. (the "Company") hereby requests that the effectiveness of the above-referenced Registration Statement on Form F-1, as amended, be accelerated so that it will be declared effective by 4:00 p.m., Eastern Time, on October 27, 2021 (the "Effective Date"), or as soon as possible thereafter. We ask, however, that the Registration Statement not be declared effective until you speak to our counsel on the Effective Date.

Please contact David Lopez of Cleary Gottlieb Steen & Hamilton LLP, counsel to the Company, at (212) 225 2632, prior to declaring the Registration Statement effective on the Effective Date, or if you have any other questions or concerns regarding this matter.

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Sincerely,

/s/ Jeff Worth

Name: Jeff Worth

Title: Vice President and General Counsel

cc: Dr. Thomas Caulfield  
GLOBALFOUNDRIES Inc.

David Lopez  
Gamal M. Abouali  
Adam Fleisher  
Cleary Gottlieb Steen & Hamilton LLP

Tad J. Freese  
Matthew T. Bush  
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