

December 27, 2019

John Erb  
Chief Executive Officer  
CHF Solutions, Inc.  
12988 Valley View Road  
Eden Prairie, Minnesota 55344

Re: CHF Solutions, Inc.  
Registration Statement on Form S-1  
Filed December 20, 2019  
File No. 333-235658

Dear Mr. Erb:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. 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.

Please contact Irene Paik at 202-551-6553 with any questions.

Sincerely,

Division of

Office of Life

Corporation Finance

Sciences

cc: Phillip Torrence, Esq.