



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

DIVISION OF  
CORPORATION FINANCE

March 13, 2024

Teresa K. Crockett  
President  
Solventum Corporation  
3M Center  
St. Paul, MN 55144

**Re: Solventum Corporation  
Form 10-12B  
Exhibit Nos. 10.4, 10.9 and 10.10  
Filed March 11, 2024  
File No. 001-41968**

Dear Teresa K. Crockett:

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance