



**Benjamin Sawyer**  
Head of Corporate Actions

New York Stock Exchange  
11 Wall Street, 14<sup>th</sup> Floor  
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August 31, 2018

Chief, Information Technology  
Securities and Exchange Commission  
Division of Corporate Finance  
100 F Street, NE MS 3040  
Washington, DC 20549

To whom it may concern:

The NYSE Arca certifies its approval for listing and registration of the Defiance Quantum ETF of ETF Series Solutions under the Exchange Act of 1934.

Sincerely,

A handwritten signature in black ink, reading "Ben Sawyer", with a long, sweeping horizontal line extending to the right.