KENTUCKY SECRETARY OF STATE P.O.BOX 718 FRANKFORT, KY 40602



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Certificate of Revocation

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

FIDELITY INVESTMENTS INSTITUTIONAL OPERATIONS COMPANY, INC.

did not file its 2020 annual report within sixty days after it was due. Accordingly, the Secretary of State revoked the corporation's authority to transact business in Kentucky on October 8, 2020.

IMPORTANT NOTICE

FIDELITY INVESTMENTS INSTITUTIONAL OPERATIONS COMPANY, INC. 245 SUMMER STREET C/O CORPORATE LEGAL - MZ ZW9A BOSTON MA 02210