John Pietrowicz Chief Financial Officer CME Group, Inc. 20 South Wacker Drive Chicago, IL 60606

Re: CME Group, Inc.

Form 10-K for the Fiscal Year Ended December 31, 2018

Filed February 28, 2019

File No. 001-31553

## Dear Mr. Pietrowicz:

We have reviewed your filing and have the following comments. In some of

comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested

information or advise us as soon as possible when you will respond. If you do not believe our

comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments.

Form 10-K for the Fiscal Year Ended December 31, 2018

Notes to Consolidated Financial Statements

3. Business Combinations, page 62

We note that you completed the acquisition of NEX Group plc (NEX) on November 2,

2018 and, as disclosed in Exhibit 99.1 in your Form 8-K filed on November 8, 2018, that

the pro forma 2017 annual revenues would be \$4.3 billion giving effect to the acquisition,

compared to your actual 2017 GAAP revenues of \$3.6 billion. However, it is not clear

where you have disclosed all information required by ASC 805 for this acquisition, such

as the amounts of post-acquisition revenues and earnings or supplemental pro forma

revenues and earnings required by ASC 805-10-50-2(h). In your future filings, please

revise to disclose all information required by ASC 805-10-50 or tell us why you do not

think it is required.

John Pietrowicz

CME Group, Inc.

December 5, 2019

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Please provide us with a summary of the income significance test pursuant to Rule 1-

02(w) of Regulation S-X prepared in your determination of whether audited financial

statements of NEX and full pro forma financial information should be

to Rule 3-05 and Article 11 of Regulation S-X, respectively.

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.

You may contact Robert Klein at 202-551-3847 or Hugh West, Branch Chief, at 202-

551-3872 if you have questions regarding comments on the financial statements and related matters.

FirstName LastNameJohn Pietrowicz Comapany NameCME Group, Inc.

Sincerely,

Corporation Finance December 5, 2019 Page 2 FirstName LastName

Office of Finance