



Kathleen M. Cronin
Senior Managing Director, General Counsel and Corporate Secretary
Legal Department

September 17, 2013

VIA Commission Website Portal

Secretary
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, N.W.
Washington, DC 20581

**Re: Chicago Mercantile Exchange Inc. – Application for Registration and for
Temporary Registration as a Swap Execution Facility**

Ladies and Gentlemen:

Chicago Mercantile Exchange Inc. (“CME”) hereby applies for registration as a swap execution facility (“SEF”) pursuant to Section 5h of the Commodity Exchange Act and Commodity Futures Trading Commission (“Commission”) Regulation 37.3(b).

CME hereby further requests that the Commission grant CME temporary registration as a SEF pursuant to Commission Regulation 37.3(c).

As required by the Commission Regulations 37.3(b)(1)(i) and 37.3(c)(1)(i), CME is filing herewith a complete Form SEF that, together with the accompanying Exhibits, contains all information and documentation required by Regulation 37.3 and Form SEF. CME is separately filing, pursuant to Commission Regulations 37.3(b)(2) and 145.9, a petition for confidential treatment of those portions of its application that are not required by Commission Regulation 40.8(a) to be made publicly available.

Pursuant to Commission Regulation 37.3(b)(1)(iii), CME hereby requests from the Commission a unique, extensible, alphanumeric code for the purpose of identifying the CME SEF pursuant to Part 45 of the Commission’s Regulations.

Questions regarding this application should be directed to the attention of the undersigned at the telephone number and address set forth herein.

Sincerely,

/s/ Kathleen M. Cronin
Senior Managing Director, General Counsel and
Corporate Secretary

Attachment: Form SEF, with Exhibits