

Submitting Comments” in the **SUPPLEMENTARY INFORMATION** section of this document.

**FOR FURTHER INFORMATION CONTACT:**

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**SUPPLEMENTARY INFORMATION:**

**I. Obtaining Information and Submitting Comments**

*A. Obtaining Information*

Please refer to Docket ID NRC-2014-0206 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this action by the following methods:

- Federal eRulemaking Web site: Go to <http://www.regulations.gov> and search for Docket ID NRC-2014-0206.
- NRC’s Agencywide Documents Access and Management System (ADAMS): You may obtain publicly-available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “ADAMS Public Documents” and then select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC’s Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The ADAMS accession number for each document referenced (if it is available in ADAMS) is provided the first time that a document is referenced. Draft NUREG-1824 (EPRI 3002002182), “Verification and Validation of Selected Fire Models for Nuclear Power Plant Applications, Supplement 1” is available in ADAMS under Accession No. ML14338A237.

- NRC’s PDR: You may examine and purchase copies of public documents at the NRC’s PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

*B. Submitting Comments*

Please include Docket ID NRC-2014-0206 in the subject line of your comment submission, in order to ensure that the NRC is able to make your comment submission available to the public in this docket.

The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment submission. The NRC posts all comment submissions at <http://www.regulations.gov> as well as entering the comment submissions into ADAMS.

The NRC does not routinely edit comment submissions to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comment submission. Your request should state that the NRC does not routinely edit comment submissions to remove such information before making the comment submissions available to the public or entering the comment submissions into ADAMS.

**II. Further Information**

In 2007, the NRC’s Office of Nuclear Regulatory Research and the Electric Power Research Institute (EPRI) under a joint Memorandum of Understanding, together with the National Institute of Standards and Technology, conducted a research project to verify and validate five fire models that have been used for nuclear power plant applications. The results of that effort were documented in a seven-volume report, NUREG-1824 (EPRI 1011999), *Verification & Validation of Selected Fire Models for Nuclear Power Plant Applications*. Technical review of fire models is necessary to ensure that analysts can judge the adequacy of the scientific and technical basis for the models, select models appropriate for a desired use, and understand the levels of confidence that can be placed in the results predicted by the models. The work was performed using state of the art fire dynamics calculation methods/models and the most applicable fire test data. The NUREG-1824 (EPRI 3002002182), *Verification & Validation of Selected Fire Models for Nuclear Power Plant Applications, Supplement 1*, expands on the previous verification and validation effort and evaluates the latest versions of the five fire models including additional test data for validation of the models. As with the previous effort, the results are reported in the form of ranges of accuracies for the fire model predictions and, the project was performed in accordance with the guidelines that the American Society for Testing and Materials (ASTM) set forth in ASTM E 1355-12, *Standard Guide for Evaluating the Predictive Capability of Deterministic Fire Models* (2012).

Dated at Rockville, Maryland, this 15th day of January, 2015.

For the Nuclear Regulatory Commission.

**Mark H. Salley,**

*Chief, Fire Research Branch Division of Risk Analysis, Office of Nuclear Regulatory Research.*

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**SECURITIES AND EXCHANGE COMMISSION**

[Release No. 34-74128; File No. SR-NYSE-2015-03]

**Self-Regulatory Organizations; New York Stock Exchange LLC; Notice of Filing and Immediate Effectiveness of Proposed Rule Change Establishing the NYSE Integrated Feed Data Feed**

January 23, 2015.

Pursuant to Section 19(b)(1)<sup>1</sup> of the Securities Exchange Act of 1934 (the “Act”)<sup>2</sup> and Rule 19b-4 thereunder,<sup>3</sup> notice is hereby given that on January 21, 2015, New York Stock Exchange LLC (“NYSE” or the “Exchange”) filed with the Securities and Exchange Commission (the “Commission”) the proposed rule change as described in Items I and II below, which Items have been prepared by the self-regulatory organization. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

**I. Self-Regulatory Organization’s Statement of the Terms of Substance of the Proposed Rule Change**

The Exchange proposes to establish the NYSE Integrated Feed (“NYSE Integrated Feed”) data feed. The text of the proposed rule change is available on the Exchange’s Web site at [www.nyse.com](http://www.nyse.com), at the principal office of the Exchange, and at the Commission’s Public Reference Room.

**II. Self-Regulatory Organization’s Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change**

In its filing with the Commission, the self-regulatory organization included statements concerning the purpose of, and basis for, the proposed rule change and discussed any comments it received on the proposed rule change. The text of those statements may be examined at the places specified in Item IV below. The Exchange has prepared summaries, set forth in sections A, B, and C below, of the most significant parts of such statements.

<sup>1</sup> 15 U.S.C.78s(b)(1).

<sup>2</sup> 15 U.S.C. 78a.

<sup>3</sup> 17 CFR 240.19b-4.

*A. Self-Regulatory Organization's Statement of the Purpose of, and the Statutory Basis for, the Proposed Rule Change*

1. Purpose

The Exchange proposes to establish the NYSE Integrated Feed. The NYSE Integrated Feed would provide real-time market data in a unified view of events, in sequence, as they appear on the NYSE matching engines. The NYSE Integrated Feed would include depth of book order data, last sale data, and opening and closing imbalance data. The NYSE Integrated Feed would also include security status updates (e.g., trade corrections and trading halts) and stock summary messages. The stock summary message updates every minute and includes NYSE's opening price, high price, low price, closing price, and cumulative volume for the security. The NYSE Integrated Feed would include information currently available from three existing NYSE real-time market data feeds: NYSE OpenBook,<sup>4</sup> which provides a compilation of all limit orders resident in the NYSE limit order book; NYSE Trades,<sup>5</sup> which provides NYSE last sale information on a real-time basis; and NYSE Order Imbalances,<sup>6</sup> which publishes order imbalance information prior to the opening and closing of trading.<sup>7</sup>

The Exchange proposes to offer the NYSE Integrated Feed through the Exchange's Liquidity Center Network ("LCN"), a local area network in the Exchange's Mahwah, New Jersey data center that is available to users of the Exchange's co-location services. The Exchange also would offer the NYSE Integrated Feed through the Exchange's Secure Financial Transaction Infrastructure ("SFTI") network, through which all other users and member organizations access the Exchange's trading and execution systems and other proprietary market data products.

Offering an integrated product addresses requests received from vendors and subscribers that would like

<sup>4</sup> See Securities Exchange Act Release Nos. 44962 (Oct. 15, 2001), 66 FR 554562 (Oct. 29, 2001) (SR-NYSE-2001-42); 54594 (Oct. 6, 2006), 71 FR 61819 (Oct. 19, 2006) (SR-NYSE-2006-81); 56384 (Aug. 30, 2007), 72 FR 53271 (SR-NYSE-2007-80).

<sup>5</sup> See Securities Exchange Act Release Nos. 59290 (Jan. 23, 2009), 74 FR 5707 (Jan. 30, 2009) (SR-NYSE-2009-05); 59606 (Mar. 19, 2009), 74 FR 13293 (Mar. 26, 2009) (SR-NYSE-2009-04).

<sup>6</sup> See Securities Exchange Act Release Nos. 59543 (March 9, 2009), 74 FR 11159 (March 16, 2009) (SR-NYSE-2008-132); 60153 (June 19, 2009), 74 FR 30656 (June 26, 2009) (SR-NYSE-2009-49).

<sup>7</sup> Neither this filing nor the later filing establishing fees for the NYSE Integrated Feed will have any effect on the filings for NYSE Openbook, NYSE Trades, or NYSE Order Imbalances.

to receive the data described above in an integrated fashion. An integrated data feed would provide greater efficiencies and reduce errors for vendors and subscribers that currently choose to integrate the data after receiving it from the Exchange. The Exchange believes that providing vendors and subscribers with the option of a market data product that both integrates existing products and includes additional market data would allow vendors and subscribers to choose the best solution for their specific businesses.

The Exchange will file a separate rule filing to establish the fees for the NYSE Integrated Feed and will announce the date that the NYSE Integrated Feed will be available through an NYSE Market Data Notice.

2. Statutory Basis

The Exchange believes that the proposed rule change is consistent with Section 6(b)<sup>8</sup> of the Act, in general, and furthers the objectives of Section 6(b)(5)<sup>9</sup> of the Act, in particular, in that it is designed to prevent fraudulent and manipulative acts and practices, to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in facilitating transactions in securities, to remove impediments to and perfect the mechanism of a free and open market and a national market system and, in general, to protect investors and the public interest, and it is not designed to permit unfair discrimination among customers, brokers, or dealers. This proposal is in keeping with those principles in that it promotes increased transparency through the dissemination of the NYSE Integrated Feed to those interested in receiving it.

The Exchange also believes this proposal is consistent with Section 6(b)(5) of the Act because it protects investors and the public interest and promotes just and equitable principles of trade by providing investors with new options for receiving market data as requested by market data vendors and purchasers. The proposed rule change would benefit investors by facilitating their prompt access to the real-time information contained in the NYSE Integrated Feed.

In adopting Regulation NMS, the Commission granted self-regulatory organizations ("SROs") and broker dealers increased authority and flexibility to offer new and unique market data to consumers of such data. It was believed that this authority would expand the amount of data available to

users and consumers of such data and also spur innovation and competition for the provision of market data. The Exchange believes that the NYSE Integrated Feed is precisely the sort of market data product that the Commission envisioned when it adopted Regulation NMS. The Commission concluded that Regulation NMS would itself further the Act's goals of facilitating efficiency and competition:

Efficiency is promoted when broker-dealers who do not need the data beyond the prices, sizes, market center identifications of the NBBO and consolidated last sale information are not required to receive (and pay for) such data. The Commission also believes that efficiency is promoted when broker-dealers may choose to receive (and pay for) additional market data based on their own internal analysis of the need for such data.<sup>10</sup>

The Exchange further notes that the existence of alternatives to the Exchange's product, including real-time consolidated data, free delayed consolidated data, and proprietary data from other sources, as well as the continued availability of the Exchange's separate data feeds, ensures that the Exchange is not unreasonably discriminatory because vendors and subscribers can elect these alternatives as their individual business cases warrant.

The NYSE Integrated Feed will help to protect a free and open market by providing additional data to the marketplace and by giving investors greater choices. In addition, the proposal would not permit unfair discrimination because the product will be available to all of the Exchange's customers and broker-dealers through both the LCN and SFTI.

*B. Self-Regulatory Organization's Statement on Burden on Competition*

In accordance with Section 6(b)(8) of the Act,<sup>11</sup> the Exchange does not believe that the proposed rule change will impose any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Act. Because other exchanges already offer similar products, the Exchange's proposed NYSE Integrated Feed will enhance competition. The NYSE Integrated Feed will foster competition by providing an alternative to similar products offered by other exchanges, including the NYSE Arca Integrated

<sup>10</sup> See Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496 (June 29, 2005) ("Regulation NMS Adopting Release").

<sup>11</sup> 15 U.S.C. 78f(b)(8).

<sup>8</sup> 15 U.S.C. 78f(b).

<sup>9</sup> 15 U.S.C. 78f(b)(5).

Feed,<sup>12</sup> offered by the Exchange's affiliate, NYSE Arca, Inc. ("NYSE Arca"), Nasdaq TotalView-Itch,<sup>13</sup> offered by The Nasdaq Stock Market, Inc., and BATS Multicast Pitch,<sup>14</sup> offered by BATS Global Markets. This proposed new data feed provides investors with new options for receiving market data, which was a primary goal of the market data amendments adopted by Regulation NMS.<sup>15</sup>

*C. Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received From Members, Participants, or Others*

No written comments were solicited or received with respect to the proposed rule change.

**III. Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action**

The Exchange has filed the proposed rule change pursuant to Section 19(b)(3)(A)(iii) of the Act<sup>16</sup> and Rule 19b-4(f)(6) thereunder.<sup>17</sup> Because the proposed rule change does not: (i) Significantly affect the protection of investors or the public interest; (ii) impose any significant burden on competition; and (iii) become operative prior to 30 days from the date on which it was filed, or such shorter time as the Commission may designate, if consistent with the protection of investors and the public interest, provided that the self-regulatory organization has given the Commission written notice of its intent to file the proposed rule change at least five business days prior to the date of filing of the proposed rule change or such shorter time as designated by the Commission,<sup>18</sup> the proposed rule change has become effective pursuant to Section 19(b)(3)(A) of the Act and Rule 19b-4(f)(6)(iii) thereunder.

<sup>12</sup> See NYSE Arca Integrated Feed, <http://www.nyxdata.com/page/1084> (last visited January 5, 2015)(data feed that provides a unified view of events, in sequence as they appear on the NYSE Arca matching engine, including depth of book, trades, order imbalance data, and security status messages).

<sup>13</sup> See Nasdaq TotalView-ITCH, <http://www.nasdaqtrader.com/Trader.aspx?id=Totalview2> (last visited January 5, 2015)(displays the full order book depth for Nasdaq market participants and also disseminates the Net Order Imbalance Indicator (NOII) for the Nasdaq Opening and Closing Crosses and Nasdaq IPO/Halt Cross).

<sup>14</sup> See BATS Multicast PITCH, [http://www.batstrading.com/market\\_data/products/](http://www.batstrading.com/market_data/products/) (last visited January 5, 2015)(real-time depth of book quotations and execution information).

<sup>15</sup> See Regulation NMS Adopting Release, *supra*, at 37503.

<sup>16</sup> 15 U.S.C. 78s(b)(3)(A)(iii).

<sup>17</sup> 17 CFR 240.19b-4(f)(6).

<sup>18</sup> The Exchange has satisfied this requirement.

At any time within 60 days of the filing of such proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings under Section 19(b)(2)(B)<sup>19</sup> of the Act to determine whether the proposed rule change should be approved or disapproved.

**IV. Solicitation of Comments**

Interested persons are invited to submit written data, views, and arguments concerning the foregoing, including whether the proposed rule change is consistent with the Act. Comments may be submitted by any of the following methods:

*Electronic Comments*

- Use the Commission's Internet comment form (<http://www.sec.gov/rules/sro.shtml>); or
- Send an email to [rule-comments@sec.gov](mailto:rule-comments@sec.gov). Please include File Number SR-NYSE-2015-03 on the subject line.

*Paper Comments*

• Send paper comments in triplicate to Brent J. Fields, Secretary, Securities and Exchange Commission, 100 F Street NE., Washington, DC 20549-1090. All submissions should refer to File Number SR-NYSE-2015-03. This file number should be included on the subject line if email is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission will post all comments on the Commission's Internet Web site (<http://www.sec.gov/rules/sro.shtml>). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for Web site viewing and printing in the Commission's Public Reference Section, 100 F Street NE., Washington, DC 20549-1090, on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of the filing will also be available for Web site viewing and printing at the NYSE's

<sup>19</sup> 15 U.S.C. 78s(b)(2)(B).

principal office and on its Internet Web site at [www.nyse.com](http://www.nyse.com). All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly. All submissions should refer to File Number SR-NYSE-2015-03 and should be submitted on or before February 19, 2015.

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.<sup>20</sup>

**Brent J. Fields,**  
*Secretary.*

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**SECURITIES AND EXCHANGE COMMISSION**

[Release No. 34-74126; File No. SR-ISE-2014-24]

**Self-Regulatory Organizations; International Securities Exchange, LLC; Notice of Designation of Longer Period for Commission Action on Proposed Rule Change To Modify the Opening Process**

January 23, 2015.

On November 19, 2014, International Securities Exchange, LLC ("Exchange") filed with the Securities and Exchange Commission ("Commission"), pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act")<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> a proposed rule change to modify the manner in which the Exchange's trading system opens trading at the beginning of the day and after trading halts and to codify certain existing functionality within the trading system regarding opening and reopening of options classes traded on the Exchange. The proposed rule change was published for comment in the **Federal Register** on December 10, 2014.<sup>3</sup> The Commission has received no comment letters on the proposal.

Section 19(b)(2) of the Act<sup>4</sup> provides that within 45 days of the publication of notice of the filing of a proposed rule change, or within such longer period up to 90 days as the Commission may designate if it finds such longer period to be appropriate and publishes its reasons for so finding or as to which the self-regulatory organization consents, the Commission shall either approve the

<sup>20</sup> 17 CFR 200.30-3(a)(12).

<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

<sup>3</sup> See Securities Exchange Act Release No. 73736 (December 4, 2014), 79 FR 73354.

<sup>4</sup> 15 U.S.C. 78s(b)(2).