UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of Report (Date of earliest event reported): June 20, 2024

MKS INSTRUMENTS, INC.

(Exact name of Registrant as Specified in Its Charter)

Massachusetts (State or Other Jurisdiction of Incorporation) 000-23621 (Commission File Number)

2 Tech Drive Suite 201 Andover, Massachusetts (Address of Principal Executive Offices) 04-2277512 (IRS Employer Identification No.)

> 01810 (Zip Code)

Registrant's Telephone Number, Including Area Code: 978 645-5500

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

| | Trading | |
|----------------------------|-----------|---|
| Title of each class | Symbol(s) | Name of each exchange on which registered |
| Common Stock, no par value | MKSI | Nasdaq Global Select Market |

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

On June 20, 2024, MKS Instruments, Inc. (the "Company") published an investor presentation. The investor presentation is titled "Foundational Technologies for a Connected World – June 2024" and is available under Events & Presentations in the Investor Relations section of the Company's website at https://investor.mks.com/events-and-presentations.

The information contained in Item 7.01 of this Current Report is being furnished pursuant to Item 7.01 and shall not be deemed filed for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, except as expressly set forth in such filing.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MKS Instruments, Inc.

Date: June 20, 2024

By: /s/ Kathleen F. Burke

Name: Kathleen F. Burke Title: Executive Vice President, General Counsel and Secretary