

ITEM 5.04 Temporary Suspension of Trading Under Registrant's Employee Benefit Plans.

On February 24, 2017, Applied Industrial Technologies, Inc. (the "Company") received a notice required by Section 101(i)(2)(E) of the Employee Retirement Income Security Act of 1974, as amended, regarding a blackout period for all investment options, including the company stock fund, under the Applied Industrial Technologies, Inc. Retirement Savings Plan (the "Plan") beginning March 3, 2017. The Company provided a notice to its directors and executive officers informing them of the blackout period and the trading restrictions that apply to the Company's directors and executive officers during the blackout period. This notice was required pursuant to Section 306 of the Sarbanes-Oxley Act of 2002 and the Securities and Exchange Commission's Regulation BTR, which prohibits trading in Company equity securities by directors and executive officers during blackout periods.

The blackout period is required to facilitate the transfer of custody and record keeping responsibilities from Wells Fargo to Principal Financial Group. The blackout period is expected to begin on March 3, 2017 and is expected to end during the week of March 19, 2017. During the blackout period, participants in the Plan will be unable to direct investment transfers and/or take actions with respect to Plan loans, withdrawals or distributions from the portion of the participants' accounts.

During the blackout period and for a period of two years after the end date thereof, directors and officers may obtain, without charge, information regarding the blackout period, including the actual beginning and end dates of the blackout period, by contacting Gregory Krupa, Human Resources Manager, of Applied Industrial Technologies, Inc., One Applied Plaza, Cleveland, Ohio 44115 or by phone at (216) 426-4000.

SIGNATURE

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, thereunto duly authorized.

APPLIED INDUSTRIAL TECHNOLOGIES, INC.
(Registrant)

By: /s/ Fred D. Bauer
Fred D. Bauer, Vice President-General Counsel & Secretary

Date: March 2, 2017