

(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 (see General Instruction A.2. below):

- 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))
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Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers;
Compensatory Arrangements of Certain Officers.

Effective November 4, 2016, the board of directors (the “Board”) of Advanced Energy Industries, Inc. (the “Company”) designated Thomas Liguori, the executive vice president and chief financial officer, as the Company’s principal accounting officer as defined by the Securities and Exchange Commission. As disclosed in the Company’s Form 8-K filed on November 17, 2014, William G. Trupkiewicz, our vice president and controller, assumed the additional role of principal accounting officer related to the announced transition of our former chief financial officer. The Board reviewed the responsibilities associated with Mr. Liguori’s role as executive vice president and chief financial officer, and determined that such role includes the responsibilities of principal accounting officer. Mr. Trupkiewicz continues to serve as vice president and controller. Mr. Liguori, age 58, has served as the Company’s executive vice president and chief financial officer since May 18, 2015. For Mr. Liguori’s business experience, please see the Company’s Form 8-K filed on April 16, 2015.

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.

Date: November 7, 2016

/s/ Thomas
O.
McGimpsey
Thomas O.
McGimpsey
Executive
Vice
President,
General
Counsel
& Corporate
Secretary