



Information to be Included in the Report

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

On January 7, 2014, Mary L. Petrovich, a member of the Board of Directors of Modine Manufacturing Company (the “Company”) resigned from the Board due to medical reasons that prevented her continuing service. Her resignation was effective immediately. Ms. Petrovich’s resignation was not due to any disagreements with the Company.

A press release, dated January 8, 2014, disclosing the resignation of Ms. Petrovich as a director of the Company is attached as Exhibit 99.1 and is furnished herewith.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

The following exhibit is being furnished herewith:

99.1 Press Release issued on January 8, 2014

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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.

Modine Manufacturing Company

By: /s/ Margaret C. Kelsey

Margaret C. Kelsey

Vice President, General Counsel and Secretary

Date: January 8, 2014

Exhibit Index

Exhibit No. Exhibit Description

99.1 Press Release issued on January 8, 2014

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