

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form 25

August 30, 2016

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 25

NOTIFICATION OF REMOVAL FROM LISTING AND/OR

REGISTRATION UNDER SECTION 12(b) OF THE

SECURITIES EXCHANGE ACT OF 1934.

Commission File Number: 001-11886

Issuer: Nuveen Missouri Premium Income Municipal Fund

Exchange: NYSE MKT

(Exact name of Issuer as specified in its charter, and name of Exchange where security is listed and/or registered)

333 West Wacker Drive

Chicago, Illinois 60606

(800) 257-8787

(Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices)

Common shares of beneficial interest, \$0.01 par value per share

(Description of class of securities)

Please place an X in the box to designate the rule provision relied upon to strike the class of securities from listing and registration:

17 CFR 240.12d2-2(a)(1)

17 CFR 240.12d2-2(a)(2)

17 CFR 240.12d2-2(a)(3)

17 CFR 240.12d2-2(a)(4)

Pursuant to 17 CFR 240.12d2-2(b), the Exchange has complied with its rules to strike the class of securities from listing and/or withdraw registration on the Exchange.¹

Pursuant to 17 CFR 240.12d2-2(c), the Issuer has complied with the rules of the Exchange and the requirements of 17 CFR 240.12d2-2(c) governing the voluntary withdrawal of the class of securities from listing and registration on the Exchange.

Pursuant to the requirements of the Securities Exchange Act of 1934, Nuveen Missouri Premium Income Municipal Fund certifies that it has reasonable grounds to believe that it meets all of the requirements for filing the Form 25 and has caused this notification to be signed on its behalf by the undersigned duly authorized person.

August 30, 2016
Date

By: /s/ Kevin J. McCarthy
Name

Vice President and Secretary
Title

¹ Form 25 and attached Notice will be considered compliance with the provisions of 17 CFR 240.19d-1 as applicable. See General Instructions.