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under paragraph (g)(1) of the section remains unpaid, if the creditor receives (within the time allowed for payment in paragraph (g)(3) of this section) further written notice from the consumer that any portion of the billing error is still in dispute, unless the creditor also:

(i) Promptly reports that the amount or account is in dispute;

(ii) Mails or delivers to the consumer (at the same time the report is made) a written notice of the name and address of each person to whom the creditor makes a report; and

(iii) Promptly reports any subsequent resolution of the reported delinquency to all persons to whom the creditor has made a report.

(h) *Reassertion of billing error.* A creditor that has fully complied with the requirements of this section has no further responsibilities under this section (other than as provided in paragraph (g)(4) of this section) if a consumer reasserts substantially the same billing error.

(i) *Relation to Electronic Fund Transfer Act and Regulation E.* If an extension of credit is incident to an electronic fund transfer, under an agreement between a consumer and a financial institution to extend credit when the consumer's account is overdrawn or to maintain a specified minimum balance in the consumer's account, the creditor shall comply with the requirements of Regulation E, 12 CFR 205.11 governing error resolution rather than those of paragraphs (a), (b), (c), (e), (f), and (h) of this section.

§ 226.14 Determination of annual percentage rate.

(a) *General rule.* The annual percentage rate is a measure of the cost of credit, expressed as a yearly rate. An annual percentage rate shall be considered accurate if it is not more than $\frac{1}{8}$ of 1 percentage point above or below the annual percentage rate determined in accordance with this section.^{31a}

(b) *Annual percentage rate for §§ 226.5a and 226.5b disclosures, for initial disclosures and for advertising purposes.* Where one or more periodic rates may be used to compute the finance charge, the an-

nual percentage rate(s) to be disclosed for purposes of §§ 226.5a, 226.5b, 226.6, and 226.16 shall be computed by multiplying each periodic rate by the number of periods in a year.

(c) *Annual percentage rate for periodic statements.* The annual percentage rate(s) to be disclosed for purposes of § 226.7(d) shall be computed by multiplying each periodic rate by the number of periods in a year and, for purposes of § 226.7(g), shall be determined as follows:

(1) If the finance charge is determined solely by applying one or more periodic rates, at the creditor's option, either:

(i) By multiplying each periodic rate by the number of periods in a year; or

(ii) By dividing the total finance charge for the billing cycle by the sum of the balances to which the periodic rates were applied and multiplying the quotient (expressed as a percentage) by the number of billing cycles in a year.

(2) If the finance charge imposed during the billing cycle is or includes a minimum, fixed, or other charge not due to the application of a periodic rate, other than a charge with respect to any specific transaction during the billing cycle, by dividing the total finance charge for the billing cycle by the amount of the balance(s) to which it is applicable³² and multiplying the quotient (expressed as a percentage) by the number of billing cycles in a year.³³

(3) If the finance charge imposed during the billing cycle is or includes a charge relating to a specific transaction during the billing cycle (even if the total finance charge also includes any other minimum, fixed, or other charge not due to the application of a periodic rate), by dividing the total finance charge imposed during the billing cycle by the total of all balances and other amounts on which a finance

^{31a}An error in disclosure of the annual percentage rate or finance charge shall not, in itself, be considered a violation of this regulation if: (1) The error resulted from a corresponding error in a calculation tool used in good faith by the creditor; and (2) upon discovery of the error, the creditor promptly discontinues use of that calculation tool for disclosure purposes, and notifies the Board in writing of the error in the calculation tool.

³²If there is no balance to which the finance charge is applicable, an annual percentage rate cannot be determined under this section.

³³Where the finance charge imposed during the billing cycle is or includes a loan fee, points, or similar charge that relates to the opening of the account, the amount of such charge shall not be included in the calculation of the annual percentage rate.

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charge was imposed during the billing cycle without duplication, and multiplying the quotient (expressed as a percentage) by the number of billing cycles in a year,³⁴ except that the annual percentage rate shall not be less than the largest rate determined by multiplying each periodic rate imposed during the billing cycle by the number of periods in a year.³⁵

(4) If the finance charge imposed during the billing cycle is or includes a minimum, fixed, or other charge not due to the application of a periodic rate and the total finance charge imposed during the billing cycle does not exceed 50 cents for a monthly or longer billing cycle, or the pro rata part of 50 cents for a billing cycle shorter than monthly, at the creditor's option, by multiplying each applicable periodic rate by the number of periods in a year, notwithstanding the provisions of paragraphs (c)(2) and (3) of this section.

(d) *Calculations where daily periodic rate applied.* If the provisions of paragraph (c)(1)(ii) or (2) of this section apply and all or a portion of the finance charge is determined by the application of one or more daily periodic rates, the annual percentage rate may be determined either:

(1) By dividing the total finance charge by the average of the daily balances and multiplying the quotient by the number of billing cycles in a year; or

(2) By dividing the total finance charge by the sum of the daily balances and multiplying the quotient by 365.

[Reg. Z, 46 FR 20892, Apr. 7, 1981, as amended at 47 FR 756, Jan. 7, 1982; 48 FR 14886, Apr. 6, 1983; 54 FR 24688, June 9, 1989]

EFFECTIVE DATE NOTE: At 74 FR 5418, Jan. 29, 2009, §226.14 was revised, effective July 1, 2010. For the convenience of the user, the revised text is set forth as follows:

§ 226.14 Determination of annual percentage rate.

(a) *General rule.* The annual percentage rate is a measure of the cost of credit, expressed as a yearly rate. An annual percentage rate shall be considered accurate if it is not more than 1/8th of 1 percentage point

above or below the annual percentage rate determined in accordance with this section.^{31a} An error in disclosure of the annual percentage rate or finance charge shall not, in itself, be considered a violation of this regulation if:

(1) The error resulted from a corresponding error in a calculation tool used in good faith by the creditor; and

(2) Upon discovery of the error, the creditor promptly discontinues use of that calculation tool for disclosure purposes, and notifies the Board in writing of the error in the calculation tool.

(b) *Annual percentage rate—in general.* Where one or more periodic rates may be used to compute the finance charge, the annual percentage rate(s) to be disclosed for purposes of §§ 226.5a, 226.5b, 226.6, 226.7(a)(4) or (b)(4), 226.9, 226.15, 226.16, and 226.26 shall be computed by multiplying each periodic rate by the number of periods in a year.

(c) *Optional effective annual percentage rate for periodic statements for creditors offering open-end plans subject to the requirements of § 226.5b.* A creditor offering an open-end plan subject to the requirements of § 226.5b need not disclose an effective annual percentage rate. Such a creditor may, at its option, disclose an effective annual percentage rate(s) pursuant to § 226.7(a)(7) and compute the effective annual percentage rate as follows:

(1) *Solely periodic rates imposed.* If the finance charge is determined solely by applying one or more periodic rates, at the creditor's option, either:

(i) By multiplying each periodic rate by the number of periods in a year; or

(ii) By dividing the total finance charge for the billing cycle by the sum of the balances to which the periodic rates were applied and multiplying the quotient (expressed as a percentage) by the number of billing cycles in a year.

(2) *Minimum or fixed charge, but not transaction charge, imposed.* If the finance charge imposed during the billing cycle is or includes a minimum, fixed, or other charge not due to the application of a periodic rate, other than a charge with respect to any specific transaction during the billing cycle, by dividing the total finance charge for the billing cycle by the amount of the balance(s) to which it is applicable³² and multiplying the quotient (expressed as a percentage) by the number of billing cycles in a year.³³ If there is no balance to which the finance charge is applicable, an annual percentage rate cannot be determined under this section. Where the finance charge imposed during the billing cycle is or includes a loan fee, points, or

³⁴See appendix F regarding determination of the denominator of the fraction under this paragraph.

³⁵See footnote 33.

^{31a} [Reserved]

³² [Reserved]

³³ [Reserved]

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similar charge that relates to opening, renewing, or continuing an account, the amount of such charge shall not be included in the calculation of the annual percentage rate.

(3) *Transaction charge imposed.* If the finance charge imposed during the billing cycle is or includes a charge relating to a specific transaction during the billing cycle (even if the total finance charge also includes any other minimum, fixed, or other charge not due to the application of a periodic rate), by dividing the total finance charge imposed during the billing cycle by the total of all balances and other amounts on which a finance charge was imposed during the billing cycle without duplication, and multiplying the quotient (expressed as a percentage) by the number of billing cycles in a year,³⁴ except that the annual percentage rate shall not be less than the largest rate determined by multiplying each periodic rate imposed during the billing cycle by the number of periods in a year.³⁵ Where the finance charge imposed during the billing cycle is or includes a loan fee, points, or similar charge that relates to the opening, renewing, or continuing an account, the amount of such charge shall not be included in the calculation of the annual percentage rate. See appendix F to this part regarding determination of the denominator of the fraction under this paragraph.

(4) If the finance charge imposed during the billing cycle is or includes a minimum, fixed, or other charge not due to the application of a periodic rate and the total finance charge imposed during the billing cycle does not exceed 50 cents for a monthly or longer billing cycle, or the pro rata part of 50 cents for a billing cycle shorter than monthly, at the creditor's option, by multiplying each applicable periodic rate by the number of periods in a year, notwithstanding the provisions of paragraphs (c)(2) and (c)(3) of this section.

(d) *Calculations where daily periodic rate applied.* If the provisions of paragraph (c)(1)(ii) or (c)(2) of this section apply and all or a portion of the finance charge is determined by the application of one or more daily periodic rates, the annual percentage rate may be determined either:

(1) By dividing the total finance charge by the average of the daily balances and multiplying the quotient by the number of billing cycles in a year; or

(2) By dividing the total finance charge by the sum of the daily balances and multiplying the quotient by 365.

³⁴ [Reserved]

³⁵ [Reserved]

§ 226.15 Right of rescission.

(a) *Consumer's right to rescind.* (1)(i) Except as provided in paragraph (a)(1)(ii) of this section, in a credit plan in which a security interest is or will be retained or acquired in a consumer's principal dwelling, each consumer whose ownership interest is or will be subject to the security interest shall have the right to rescind: each credit extension made under the plan; the plan when the plan is opened; a security interest when added or increased to secure an existing plan; and the increase when a credit limit on the plan is increased.

(ii) As provided in section 125(e) of the Act, the consumer does not have the right to rescind each credit extension made under the plan if such extension is made in accordance with a previously established credit limit for the plan.

(2) To exercise the right to rescind, the consumer shall notify the creditor of the rescission by mail, telegram, or other means of written communication. Notice is considered given when mailed, or when filed for telegraphic transmission, or, if sent by other means, when delivered to the creditor's designated place of business.

(3) The consumer may exercise the right to rescind until midnight of the third business day following the occurrence described in paragraph (a)(1) of this section that gave rise to the right of rescission, delivery of the notice required by paragraph (b) of this section, or delivery of all material disclosures,³⁶ whichever occurs last. If the required notice and material disclosures are not delivered, the right to rescind shall expire 3 years after the occurrence giving rise to the right of rescission, or upon transfer of all of the consumer's interest in the property, or

³⁶ The term *material disclosures* means the information that must be provided to satisfy the requirements in § 226.6 with regard to the method of determining the finance charge and the balance upon which a finance charge will be imposed, the annual percentage rate, the amount or method of determining the amount of any membership or participation fee that may be imposed as part of the plan, and the payment information described in § 226.5b(d)(5)(i) and (ii) that is required under § 226.6(e)(2).