414(f)) which were in existence on January 1, 1974, for funding certain unfunded past service liability. The multiemployer plans which may elect to use this alternative method are those plans (1) under which, on January 1, 1974, contributions were based on a percentage of pay, (2) which use actuarial assumptions with respect to pay that are reasonably related to past and projected experience, and (3) which use rates of interest that are determined on the basis of reasonable acturial assumptions. The unfunded past service liability to which this method applies is that amount existing as of the date 12 months after the date on which section 412 first applies to the plan. The alternative method allows the plan to fund this liability over a period of 40 plan years by charging the funding standard account with an equal annual percentage of the aggregate pay of all participants in the plan instead of the level dollar charges required under section 412(b)(2)(B). Paragraphs (b), (c), (d) and (e) of this section contain procedural rules for electing this alternative method.

(b) *Election procedure.* To elect the alternative amortization method, a multiemployer plan must attach a statement to the annual report required under section 6058(a) for the plan year for which the election is made, stating that the alternative method for funding unfunded past service liability is being adopted. Advance approval from the Internal Revenue Service is not required. The alternative method must be adopted on or before the last day prescribed for filing the annual report corresponding to the last plan year beginning before January 1, 1982.

(c) *Charges to which the alternative amortization method is applicable.* Once elected, the alternative amortization method is applicable to the unfunded past service liability existing as of the date 12 months after the date on which section 412 first applies to the plan. This results in charges to the funding standard account which are in lieu of—

(1) Charges required under clause (i) of section 412(b)(2)(B), and

(2) Charges required under clause (iii) of section 412(b)(2)(B) if the plan amendments referred to in such clause result in a net increase in the unfunded past service liability existing as of the date 12 months after the date on which section 412 first applies to the plan. Such charges generally will arise only with respect to plan amendments adopted in the first plan year to which section 412 applies.

If the election is made on an annual report corresponding to a plan year after the first plan year to which section 412 applies, recomputation of the contributions due in the prior years (to which section 412 applied) will be necessary.

(d) *Limitation.* The sum of the charges described in this paragraph may not be less than the interest on the unfunded past service liabilities described in section 412(b)(2)(B) (i) and (iii), determined as of the date 12 months after the date on which section 412 first applies to the plan.

(e) *Reporting requirements.* Each annual report required by section 6058(a) and periodic report of the actuary required by section 6059 must include all additional information relevant to the use of the alternative amortization method as may be required by the applicable forms and the instructions for such forms.

[T.D. 7702, 45 FR 40113, June 13, 1980]

§ 1.412(c)(1)–1 Determinations to be made under funding method—terms defined.

(a) *Actuarial cost method and funding method.* Section 3 (31) of the Employee Retirement Income Security Act of 1974 (''ERISA'') provides certain acceptable (and unacceptable) actuarial cost methods which may (or may not) be used by employee plans. The term ''funding method'' when used in section 412 has the same meaning as the term ''actuarial cost method'' in section 3 (31) of ERISA. For shortfall method for certain collectively bargained plans, see §1.412(c)(1)–2; for principles applicable to funding methods in general, see regulations under section 412(c)(3).

(b) *Computations included in funding method.* The funding method of a plan includes not only the overall funding method used by the plan but also each specific method of computation used in applying the overall method. However, the choice of which actuarial assumptions are appropriate to the overall

method or to the specific method of computation is not a part of the funding method. For example, the decision to use or not to use a mortality factor in the funding method of a plan is not a part of such funding method. Similarly, the specific mortality rate determined to be applicable to a particular plan year is not part of the funding method. See section 412(c)(5) for the requirement of approval to change the funding method used by a plan.

[T.D. 7733, 45 FR 75202, Nov. 14, 1980]

§ 1.412(c)(1)–2 Shortfall method.

(a) *In general*—(1) *Shortfall method.* The shortfall method is a funding method that adapts a plan's underlying funding method for purposes of section 412. As such, the use of the shortfall method is subject to section 412(c)(3). A plan described in paragraph (a)(2) of this section may elect to determine the charges to the funding standard account required by section 412(b) under the shortfall method. These charges are computed on the basis of an estimated number of units of service or production (for which a certain amount per unit is to be charged). The difference between the net amount charged under this method and the net amount that otherwise would have been charged under section 412 for the same period is a shortfall loss (gain) and is to be amortized over certain subsequent plan years.

(2) *Eligibility for use of shortfall.* No plan may use the shortfall method unless—

(i) The plan is a collectively bargained plan described in section 413(a), and

(ii) Contributions to the plan are made at a rate specified under the terms of a legally binding agreement applicable to the plan.

For purposes of this section, a plan maintained by a labor organization which is exempt from tax under section 501(c)(5) is treated as a collectively bargained plan and the governing rules of the organization (such as its constitution, bylaws, or other document that can be altered only through action of a convention of the organization) are treated as a collectively bargained agreement.

(b) *Computation and effect of net shortfall charge*—(1) *In general.* The ''net shortfall charge'' to the funding standard account under the shortfall method is the product of (i) the estimated unit charge described in paragraph (c) of this section that applies for a particular plan year, multiplied by (ii) the actual number of base units (for example, units of service or production) which occurred during that plan year. When the shortfall method is used, the net shortfall charge is a substitute for the specific charges and credits to the funding standard account described in section 412 (b)(2) and (3)(B).

(2) *Example.* Paragraph (b)(1) of this section may be illustrated by the following example:

Example. A pension plan uses the calendar year as the plan year and the shortfall method. Its estimated unit charge applicable to 1980 is 80 cents per hour of covered employment. During 1980, there were 125,000 hours of covered employment. The net shortfall charge for the plan year is $100,000 (*i.e.*, 125,000×$.80), regardless of the amount which would be charged and credited to the funding standard account under section 412 (b)(2) and (3)(B) had the shortfall method not applied. The funding standard account for 1980 will be separately credited for the amount considered contributed for the plan year under section 412 (b)(3)(A). The other items which may be credited, if applicable, are a waived funding deficiency and the alternative minimum funding standard credit adjustment under section 412(b)(3)(C) and (D) because these items are not credits under section 412(b)(3)(B).

(3) *Plans with more than one contract, contribution rate, employer, or benefit level*—(i) *General rule.* A single plan with more than one contract, contribution rate, employer, or benefit level may compute a separate net shortfall charge for each contract, contribution rate, each employer, or each benefit level. The sum of these charges is the plan's total net shortfall charge. under § 1.412(c)(1)–1(b), the use of separate computations would be a specific method of computation used in applying the overall funding method. See also paragraph (f)(5) of this section.

(ii) *Single valuation.* Only one actuarial valuation shall be made for the single plan on each actuarial valuation date.

(iii) *Reasonableness test.* The specific method of computation of the net