Age 65 Commencement

| Optional form | Amount of distribution per \$1,000 of immediate single life annuity | Relative value |
| :---: | :---: | :---: |
| Life Annuity ........................................ | \$1,000 per month ................................ | Approximately 93 percent of the value of the QJSA. |
| QJSA (joint and 75 percent survivor annuity for a participant who is married). | $\$ 932$ per month (\$699 per month for survivor annuity). | $\mathrm{n} / \mathrm{a}$. |
| Joint and 100 percent survivor annuity .... | $\$ 828$ per month (\$828 per month for survivor annuity). | Approximately 93 percent of the value of the QJSA. |
| Lump sum ......................................... | \$135,759 .......................................... | Approximately 93 percent of the value of the QJSA. |

(iii) The chart disclosing the financial effect and relative value of the optional forms specifies that the calculations were prepared assuming that the spouse is three years younger than the participant, that the calculations relating to the single-sum distribution were prepared using 5.5 percent interest and average life expectancy, that the other calculations were prepared using a 6 percent interest rate, and that the relative value of actual payments for an individual can vary depending on how long the individual and spouse live. The explanation states that the relative value comparison converts the single life annuity, the joint and 100 percent survivor annuity, and the single-sum options to value of each if paid in the form of the QJ SA and that this conversion uses interest and life expectancy assumptions. The explanation notes that the calculation of the QJ SA depends on the actual age of the spouse (for example, annuity payments will be significantly lower if the spouse is significantly younger than the participant), and that the amount of the single-sum payment will depend on the interest rates that apply when the participant actually takes a distribution. The explanation also includes an offer to provide a calculation specific to the participant upon request, and an offer to provide mortality tables used in preparing calculations upon request.
(iv) In accordance with paragraph (d)(4)(i) of this section, Participant $M$ requests specific information regarding the amounts payable under the QJ SA, the joint and 100 percent survivor annuity, and the single sum.
(v) Based on the information about the age of Participant M's spouse, Plan A determines that M's QJ SA is $\$ 2,856.30$ per month, the joint and 100 percent survivor annuity is $\$ 2,628.60$ per month, and the single sum is $\$ 497,876$. The actuarial present value of the QJ SA (determined using the 5.5 percent interest and the section $417(e)(3)$ applicable mortality table, the actuarial assumptions required under section 417) is $\$ 525,091$. Accordingly, the value of the single-sum distribution available to $M$ on October 1, 2004, is 94.8 percent of the actuarial present value of the QJ SA. In addition, the actuarial present
value of the life annuity and the 100 percent joint and survivor annuity are 95.0 percent of the actuarial present value of the QJ SA.
(vi) Plan A provides $M$ with a QJ SA explanation that incorporates these more precise calculations of the financial effect and relative value of the optional forms for which M requested information.
(f) Effective date. This section applies to QJ SA explanations with respect to distributions with annuity starting dates on or after October 1, 2004, and to QPSA explanations provided on or after J uly 1, 2004. In the case of a retroactive annuity starting date under section 417(a)(7), when required under $\S 1.417(e)-1(b)(3)(v i)$, the date of commencement of the actual payments based on the retroactive annuity starting date is substituted for the annuity starting date for this purpose.
[T.D. 9099, 68 FR 70144, Dec. 17, 2003]
§1.417(e)-1 Restrictions and valuations of distributions from plans subject to sections 401(a)(11) and 417.
(a) Scope-(1) In general. A plan does not satisfy the requirements of sections $401(a)(11)$ and 417 unless it satisfies the consent requirements, the determination of present value requirements and the other requirements set forth in this section. See section 401(a)(11) and $\S 1.401(a)-20$ for other rules regarding the survivor annuity requirements.
(2) Additional requirements. See $\S 1.411(a)-11$ for other rules applicable to the consent requirements.
(3) Accrued benefit. The definition of "accrued benefit" in §1.411(a)-11 applies when that term is used in this section.
(b) Consent, etc. requirements-(1) General rule. Generally plans may not commence the distribution of any portion of a participant's accrued benefit in

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any form unless the applicable consent requirements are satisfied. No consent of the participant or spouse is needed for distribution of a QJ SA or QPSA after the benefit is no longer immediately distributable (after the participant attains (or would have attained if not dead) the later of normal retirement age (as defined in section 411(a)(8)) or age 62). No consent of the spouse is needed for distribution of a QJ SA at any time. After the participant's death, a benefit may be paid to a nonspouse beneficiary without the beneficiary's consent. A distribution cannot be made at any time in a form other than a QJ SA unless such QJ SA has been waived by the participant and such waiver has been consented to by the spouse. A QJ SA is an annuity that commences immediately. Thus, for example, a plan may not offer a participant separating from service at age 45 a choice only between a single sum distribution at separation of service and a joint and survivor annuity that satisfies all the requirements of a QJ SA except that it commences at normal retirement age rather than immediately. To satisfy this section, the plan must also offer a QJ SA (i.e., an annuity that satisfies all the requirements for a QJ SA including the requirement that it commences immediately).
(2) Consent. (i) Written consent of the participant and, if the participant is married at the annuity starting date and the benefit is to be paid in a form other than a QJ SA, the participant's spouse (or, if either the participant or the spouse has died, the survivor) is required before the commencement of the distribution of any part of an accrued benefit if the present value of the nonforfeitable benefit is greater than the cash-out limit in effect under §1.411(a)-11(c)(3)(ii). No consent is valid unless the participant has received a general description of the material features, and an explanation of the relative values of, the optional forms of benefit available under the plan in a manner which would satisfy the notice requirements of section 417(a)(3). See §1.417(a)(3)-1. No consent is required before the annuity starting date if the present value of the nonforfeitable benefit is not more than the cash-out limit in effect under §1.411(a)-11(c)(3)(ii).

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After the annuity starting date, consent is required for the immediate distribution of the present value of the accrued benefit being distributed in any form, including a qualified joint and survivor annuity or a qualified preretirement survivor annuity, regardless of the amount of such present value.
(ii) In determining the present value of any nonforfeitable accrued benefit, a defined benefit plan is limited by the interest rate restriction as set forth in paragraph (d) of this section.
(iii) Paragraph (b)(2)(i) of this section applies to distributions made on or after October 17, 2000. For distributions prior to October 17, 2000, §1.417(e)1(b)(2)(i) in effect prior to October 17, 2000 (as contained in 26 CFR part 1 revised as of April 1, 2000) applies.
(3) Time of consent. (i) Written consent of the participant and the participant's spouse to the distribution must be made not more than 90 days before the annuity starting date, and, except as otherwise provided in paragraphs (b)(3)(iii) and (b)(3)(iv) of this section, no later than the annuity starting date.
(ii) A plan must provide participants with the written explanation of the QJ SA required by section $417(a)(3)$ no less than 30 days and no more than 90 days before the annuity starting date, except as provided in paragraph (b)(3)(iv) of this section regarding retroactive annuity starting dates. However, if the participant, after having received the written explanation of the QJ SA, affirmatively elects a form of distribution and the spouse consents to that form of distribution (if necessary), a plan will not fail to satisfy the requirements of section 417(a) merely because the written explanation was provided to the participant less than 30 days before the annuity starting date, provided that the following conditions are met:
(A) The plan administrator provides information to the participant clearly indicating that (in accordance with the first sentence of this paragraph (b)(3)(ii)) the participant has a right to at least 30 days to consider whether to waive the QJ SA and consent to a form of distribution other than a QJ SA.

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(B) The participant is permitted to revoke an affirmative distribution election at least until the annuity starting date, or, if later, at any time prior to the expiration of the 7 -day period that begins the day after the explanation of the QJ SA is provided to the participant
(C) The annuity starting date is after the date that the explanation of the QJ SA is provided to the participant.
(D) Distribution in accordance with the affirmative election does not commence before the expiration of the 7day period that begins the day after the explanation of the QJ SA is provided to the participant.
(iii) The plan may permit the annuity starting date to be before the date that any affirmative distribution election is made by the participant (and before the date that distribution is permitted to commence under paragraph (b)(3)(ii)(D) of this section), provided that, except as otherwise provided in paragraph (b)(3)(vii) of this section regarding administrative delay, distributions commence not more than 90 days after the explanation of the QJ SA is provided.
(iv) Retroactive annuity starting dates. (A) Notwithstanding the requirements of paragraphs (b)(3)(i) and (ii) of this section, pursuant to section 417(a)(7), a defined benefit plan is permitted to provide benefits based on a retroactive annuity starting date if the requirements described in paragraph (b)(3)(v) of this section are satisfied. A defined benefit plan is not required to provide for retroactive annuity starting dates. If a plan does provide for a retroactive annuity starting date, it may impose conditions on the availability of a retroactive annuity starting date in addition to those imposed by paragraph (b)(3)(v) of this section, provided that imposition of those additional conditions does not violate any of the rules applicable to qualified plans. For example, a plan that includes a single sum payment as a benefit option may limit the election of a retroactive annuity starting date to those participants who do not elect the single sum payment. A defined contribution plan is not permitted to have a retroactive annuity starting date.
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(B) For purposes of this section, a "retroactive annuity starting date" is an annuity starting date affirmatively elected by a participant that occurs on or before the date the written explanation required by section $417(\mathrm{a})(3)$ is provided to the participant. In order for a plan to treat a participant as having elected a retroactive annuity starting date, future periodic payments with respect to a participant who elects a retroactive annuity starting date must be the same as the future periodic payments, if any, that would have been paid with respect to the participant had payments actually commenced on the retroactive annuity starting date. The participant must receive a make-up payment to reflect any missed payment or payments for the period from the retroactive annuity starting date to the date of the actual make-up payment (with an appropriate adjustment for interest from the date the missed payment or payments would have been made to the date of the actual make-up payment). Thus, the benefit determined as of the retroactive annuity starting date must satisfy the requirements of sections 417(e)(3), if applicable, and section 415 with the applicable interest rate and applicable mortality table determined as of that date. Similarly, a participant is not permitted to elect a retroactive annuity starting date that precedes the date upon which the participant could have otherwise started receiving benefits (e.g., in the case of an ongoing plan, the earlier of the participant's termination of employment or the participant's normal retirement age) under the terms of the plan in effect as of the retroactive annuity starting date. A plan does not fail to treat a participant as having elected a retroactive annuity starting date as described in this paragraph (b)(3)(iv)(B) merely because the distributions are adjusted to the extent necessary to satisfy the requirements of paragraph (b)(3)(v)(B) and (C) of this section relating to sections 415 and $417(\mathrm{e})(3)$.
(C) If the participant's spouse as of the retroactive annuity starting date would not be the participant's spouse determined as if the date distributions commence was the participant's annuity starting date, consent of that

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former spouse is not needed to waive the QJ SA with respect to the retroactive annuity starting date, unless otherwise provided under a qualified domestic relations order (as defined in section 414(p)).
(D) A distribution payable pursuant to a retroactive annuity starting date election is treated as excepted from the present value requirements of paragraph (d) of this section under paragraph (d)(6) of this section if the distribution form would have been described in paragraph (d)(6) of this section had the distribution actually commenced on the retroactive annuity starting date. Similarly, annuity payments that otherwise satisfy the requirements of a QJ SA under section 417(b) will not fail to be treated as a QJ SA for purposes of section 415(b)(2)(B) merely because a retroactive annuity starting date is elected and a make-up payment is made. Also, for purposes of section 72(t)(2)(A)(iv), a distribution that would otherwise be one of a series of substantially equal periodic payments will be treated as one of a series of substantially equal periodic payments notwithstanding the distribution of a make-up payment provided for in paragraph (b)(3)(iv)(B) of this section.
(E) The following example illustrates the application of paragraph (b)(3)(iv)(D) of this section:

Example. Under the terms of a defined benefit plan, participant A is entitled to a QJ SA with a monthly payment of $\$ 1,500$ beginning as of his annuity starting date. Due to administrative error, the QJ SA explanation is provided to $A$ after the annuity starting date. After receiving the QJ SA explanation A elects a retroactive annuity starting date. Pursuant to this election, A begins to receive a monthly payment of $\$ 1,500$ and also receives a make-up payment of $\$ 10,000$. Under these circumstances the monthly payments may be treated as a QJ SA for purposes of section $415(\mathrm{~b})(2)(\mathrm{B})$. In addition, the monthly payments of $\$ 1,500$ and the make-up payment of $\$ 10,000$ may be treated as part of as series of substantially equal periodic payments for purpose of section 72(t)(2)(A)(iv).
(v) Requirements applicable to retroactive annuity starting dates. A distribution is permitted to have a retroactive annuity starting date with respect to a participant's benefit only if the following requirements are met:

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(A) The participant's spouse (including an alternate payee who is treated as the spouse under a qualified domestic relations order (QDRO), as defined in section 414(p)), determined as if the date distributions commence were the participant's annuity starting date, consents to the distribution in a manner that would satisfy the requirements of section $417(a)(2)$. The spousal consent requirement of this paragraph (b)(3)(v)(A) is satisfied if such spouse consents to the distribution under paragraph (b)(2)(i) of this section. The spousal consent requirement of this paragraph (b)(3)(v)(A) does not apply if the amount of such spouse's survivor annuity payments under the retroactive annuity starting date election is no less than the amount that the survivor payments to such spouse would have been under an optional form of benefit that would satisfy the requirements to be a QJ SA under section 417(b) and that has an annuity starting date after the date that the explanation was provided.
(B) The distribution (including appropriate interest adjustments) provided based on the retroactive annuity starting date would satisfy the requirements of section 415 if the date the distribution commences is substituted for the annuity starting date for all purposes, including for purposes of determining the applicable interest rate and the applicable mortality table. However, in the case of a form of benefit that would have been excepted from the present value requirements of paragraph (d) of this section under paragraph (d)(6) of this section if the distribution had actually commenced on the retroactive annuity starting date, the requirement to apply section 415 as of the date distribution commences set forth in this paragraph (b)(3)(v)(B) does not apply if the date distribution commences is twelve months or less from the retroactive annuity starting date.
(C) In the case of a form of benefit that would have been subject to section 417(e)(3) and paragraph (d) of this section if distributions had commenced as of the retroactive annuity starting date, the distribution is no less than the benefit produced by applying the applicable interest rate and the applicable mortality table determined as of

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the date the distribution commences to the annuity form that corresponds to the annuity form that was used to determine the benefit amount as of the retroactive annuity starting date. Thus, for example, if a distribution paid pursuant to an election of a retroactive annuity starting date is a sin-gle-sum distribution that is based on the present value of the straight life annuity payable at normal retirement age, then the amount of the distribution must be no less than the present value of the annuity payable at normal retirement age, determined as of the distribution date using the applicable mortality table and applicable interest rate that apply as of the distribution date. Likewise, if a distribution paid pursuant to an election of a retroactive annuity starting date is a single-sum distribution that is based on the present value of the early retirement annuity payable as of the retroactive annuity starting date, then the amount of the distribution must be no less than the present value of the early retirement annuity payable as of the distribution date, determined as of the distribution date using the applicable mortality table and applicable interest rate that apply as of the distribution date.
(vi) Timing of notice and consent requirements in the case of retroactive annuity starting dates. In the case of a retroactive annuity starting date, the date of the first actual payment of benefits based on the retroactive annuity starting date is substituted for the annuity starting date for purposes of satisfying the timing requirements for giving consent and providing an explanation of the QJ SA provided in paragraphs (b)(3)(i) and (ii) of this section, except that the substitution does not apply for purposes of paragraph (b)(3)(iii) of this section. Thus, the written explanation required by section 417(a)(3)(A) must generally be provided no less than 30 days and no more than 90 days before the date of the first payment of benefits and the election to receive the distribution must be made after the written explanation is provided and on or before the date of the first payment. Similarly, the written explanation may also be provided less than 30 days prior to the first payment
of benefits if the requirements of paragraph (b)(3)(ii) of this section would be satisfied if the date of the first payment is substituted for the annuity starting date.
(vii) Administrative delay. A plan will not fail to satisfy the 90-day timing requirements of paragraphs (b)(3)(iii) and (vi) of this section merely because, due solely to administrative delay, a distribution commences more than 90 days after the written explanation of the QJ SA is provided to the participant.
(viii) The following example illustrates the provisions of this paragraph (b) (3):

Example. Employee E, a married participant in a defined benefit plan who has terminated employment, is provided with the explanation of the QJ SA on November 28.
Employee E elects (with spousal consent) on December 2 to waive the QJ SA and receive an immediate distribution in the form of a single life annuity. The plan may permit Employee E to receive payments with an annuity starting date of December 1, provided that the first payment is made no earlier than December 6 and the participant does not revoke the election before that date. The plan can make the remaining monthly payments on the first day of each month thereafter in accordance with its regular payment schedule.
(ix) The additional rules of this paragraph (b)(3) concerning the notice and consent requirements of section 417 apply to distributions on or after September 22, 1995. F or distributions before September 22, 1995, the additional rules concerning the notice and consent requirements of section 417 in $\S 1.417(e)-1(b)(3)$ in effect prior to September 22, 1995 (see §1.417(e)-1 (b)(3) in 26 CFR Part 1 revised as of April 1, 1995) apply.
(4) Delegation to Commissioner. The Commissioner, in revenue rulings, notices, and other guidance published in the Internal Revenue Bulletin, may modify, or provide additional guidance with respect to, the notice and consent requirements of this section. See §601.601(d)(2)(ii)(b) of this chapter.
(c) Permitted distributions. A plan may not require that a participant or surviving spouse begin to receive benefits without satisfying paragraph (b) of this section while such benefits are immediately distributable, (see paragraph
(b)(1) of this section). Once benefits are no longer immediately distributable, all benefits that the plan requires to begin must be provided in the form of a QJ SA and QPSA unless the applicable written explanation, election and consent requirements of section 417 are satisfied.
(d) Present value requirement-(1) General rule. A defined benefit plan must provide that the present value of any accrued benefit and the amount (subject to sections $411(c)(3)$ and 415) of any distribution, including a single sum, must not be less than the amount calculated using the applicable interest rate described in paragraph (d)(3) of this section (determined for the month described in paragraph (d)(4) of this section) and the applicable mortality table described in paragraph (d)(2) of this section. The present value of any optional form of benefit cannot be less than the present value of the normal retirement benefit determined in accordance with the preceding sentence. The same rules used for the plan under this paragraph (d) must also be used to compute the present value of the benefit for purposes of determining whether consent for a distribution is required under paragraph (b) of this section.
(2) Applicable mortality table. The applicable mortality table is the mortality table based on the prevailing commissioners' standard table (described in section 807(d)(5)(A)) used to determine reserves for group annuity contracts issued on the date as of which present value is being determined (without regard to any other subparagraph of section 807(d)(5)), that is prescribed by the Commissioner in revenue rulings, notices, or other guidance published in the Internal Revenue Bulletin (see §601.601(d)(2)(ii)(b) of this chapter). The Commissioner may prescribe rules that apply in the case of a change to the prevailing commissioners' standard table (described in section 807(d)(5)(A)) used to determine reserves for group annuity contracts, in revenue rulings, notices, or other guidance published in the Internal Revenue Bulletin (see §601.601(d)(2)(ii)(b) of this chapter).
(3) Applicable interest rate-(i) General rule. The applicable interest rate for a month is the annual interest rate on

30 -year Treasury securities as specified by the Commissioner for that month in revenue rulings, notices or other guidance published in the Internal Revenue Bulletin (see §601.601(d)(2)(ii)(b) of this chapter).
(ii) Example. This example illustrates the rules of this paragraph (d)(3):
Example. Plan A is a calendar year plan. For its 1995 plan year, Plan A provides that the applicable mortality table is the table described in Rev. Rul. 95-6 (1995-1 C.B. 80), and that the applicable interest rate is the annual interest rate on 30-year Treasury securities as specified by the Commissioner for the first full calendar month preceding the calendar month that contains the annuity starting date. Participant P is age 65 in J anuary 1995, which is the month that contains P's annuity starting date. $P$ has an accrued benefit payable monthly of $\$ 1,000$ and has elected to receive a distribution in the form of a single sum in J anuary 1995. The annual interest rate on 30 -year Treasury securities as published by the Commissioner for December 1994 is 7.87 percent. To satisfy the requirements of section $417(e)(3)$ and this paragraph (d), the single sum received by $P$ may not be less than $\$ 111,351$.
(4) Time for determining interest rate(i) General rule. Except as provided in paragraph (d)(4)(iv) or (v) of this section, the applicable interest rate to be used for a distribution is the rate determined under paragraph (d)(3) of this section for the applicable lookback month. The applicable look back month for a distribution is the lookback month (as described in paragraph (d)(4)(iii) of this section) for the month (or other longer stability period described in paragraph (d)(4)(ii) of this section) that contains the annuity starting date for the distribution. The time and method for determining the applicable interest rate for each participant's distribution must be determined in a consistent manner that is applied uniformly to all participants in the plan.
(ii) Stability period. A plan must specify the period for which the applicable interest rate remains constant. This stability period may be one calendar month, one plan quarter, one calendar quarter, one plan year, or one calendar year.
(iii) Lookback month. A plan must specify the lookback month that is used to determine the applicable interest rate. The lookback month may be

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the first, second, third, fourth, or fifth full calendar month preceding the first day of the stability period.
(iv) Permitted average interest rate. A plan may apply the rules of paragraph (d)(4)(i) of this section by substituting a permitted average interest rate with respect to the plan's stability period for the rate determined under paragraph (d)(3) of this section for the applicable look back month for the stability period. For this purpose, a permitted average interest rate with respect to a stability period is an interest rate that is computed by averaging the applicable interest rates determined under paragraph (d)(3) of this section for two or more consecutive months from among the first, second, third, fourth, and fifth calendar months preceding the first day of the stability period. For this paragraph (d)(4)(iv) to apply, a plan must specify the manner in which the permitted average interest rate is computed.
(v) Additional determination dates. The Commissioner may prescribe, in revenue rulings, notices or other guidance published in the Internal Revenue Bulletin (see §601.601(d)(2)(ii)(b)), other times that a plan may provide for determining the applicable interest rate.
(vi) Example. This example illustrates the rules of this paragraph (d)(4):

Example. Employer X maintains Plan A, a calendar year plan. Employer $X$ wishes to amend Plan A so that the applicable interest rate will remain fixed for each plan quarter, and so that the applicable interest rate for distributions made during each plan quarter can be determined approximately 80 days before the beginning of the plan quarter. To comply with the provisions of this paragraph (d)(4), Plan A is amended to provide that the applicable interest rate is the annual interest rate on 30 -year Treasury securities as specified by the Commissioner for the fourth calendar month preceding the first day of the plan quarter during which the annuity starting date occurs.
(5) Use of alternative interest rate and mortality table. If a plan provides for use of an interest rate or mortality table other than the applicable interest rate or the applicable mortality table, the plan must provide that a participant's benefit must be at least as great as the benefit produced by using the applicable interest rate and the applicable mortality table. For example, if a plan
provides for use of an interest rate of 7\% and the UP-1984 Mortality Table (see §1.401(a)(4)-12, Standard mortality table) in calculating single-sum distributions, the plan must provide that any single-sum distribution is calculated as the greater of the singlesum benefit calculated using $7 \%$ and the UP-1984 Mortality Table and the single-sum benefit calculated using the applicable interest rate and the applicable mortality table.
(6) Exceptions. This paragraph (d) (other than the provisions relating to section $411(d)(6)$ requirements in paragraph (d)(10) of this section) does not apply to the amount of a distribution paid in the form of an annual benefit that-
(i) Does not decrease during the life of the participant, or, in the case of a QPSA, the life of the participant's spouse; or
(ii) Decreases during the life of the participant merely because of-
(A) The death of the survivor annuitant (but only if the reduction is to a level not below $50 \%$ of the annual benefit payable before the death of the survivor annuitant); or
(B) The cessation or reduction of Social Security supplements or qualified disability benefits (as defined in section 411(a)(9)).
(7) Defined contribution plans. Because the accrued benefit under a defined contribution plan equals the account balance, a defined contribution plan is not subject to the requirements of this paragraph (d), even though it is subject to section 401(a)(11).
(8) Effective date-(i) In general. This paragraph (d) is effective for distributions with annuity starting dates in plan years beginning after December 31, 1994.
(ii) Optional delayed effective date of Retirement Protection Act of 1994 (RPA '94)(108 Stat. 5012) rules for plans adopted and in effect before December 8, 1994. F or a plan adopted and in effect before December 8, 1994, the application of the rules relating to the applicable mortality table and applicable interest rate under paragraphs (d)(2) through (4) of this section is delayed to the extent provided in this paragraph (d)(8)(ii), if the plan provisions in effect on December 7, 1994, met the requirements of

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section 417(e)(3) and §1.417(e)-1(d) as in effect on December 7, 1994 (as contained in 26 CFR part 1 revised April 1, 1995). In the case of a distribution from such a plan with an annuity starting date that precedes the optional delayed effective date described in paragraph (d)(8)(iv) of this section, and that precedes the first day of the first plan year beginning after December 31, 1999, the rules of paragraph (d)(9) of this section (which generally apply to distributions with annuity starting dates in plan years beginning before J anuary 1 , 1995) apply in lieu of the rules of paragraphs (d)(2) through (4) of this section. The interest rate under the rules of paragraph (d)(9) of this section is determined under the provisions of the plan as in effect on December 7, 1994, reflecting the interest rate or rates published by the Pension Benefit Guaranty Corporation (PBGC) and the provisions of the plan for determining the date on which the interest rate is fixed. The above described interest rate or rates published by the PBGC are those determined by the PBGC (for the date determined under those plan provisions) pursuant to the methodology under the regulations of the PBGC for determining the present value of a lump sum distribution on plan termination under 29 CFR part 2619 that were in effect on September 1, 1993 (as contained in 29 CF R part 2619 revised J uly 1, 1994).
(iii) Optional accelerated effective date of RPA '94 rules. This paragraph (d) is also effective for a distribution with an annuity starting date after December 7, 1994, during a plan year beginning before J anuary 1, 1995, if the employer elects, on or before the annuity starting date, to make the rules of this paragraph (d) effective with respect to the plan as of the optional accelerated effective date described in paragraph (d)(8)(iv) of this section. An employer is treated as making this election by making the plan amendments described in paragraph (d)(8)(iv) of this section.
(iv) Determination of delayed or accelerated effective date by plan amendment adopting RPA '94 rules. The optional delayed effective date of paragraph (d)(8)(ii) of this section, or the optional accelerated effective date of paragraph (d)(8)(iii) of this section, whichever is
applicable, is the date plan amendments applying both the applicable mortality table of paragraph (d)(2) of this section and the applicable interest rate of paragraph (d)(3) of this section are adopted or, if later, are made effective.
(9) Plan years beginning before January 1, 1995-(i) Interest rate. (A) For distributions made in plan years beginning after December 31, 1986, and before J anuary 1, 1995, the following interest rate described in paragraph (d)(9)(i)(A)(1) or (2) of this section, whichever applies, is substituted for the applicable interest rate for purposes of this section-
(1) The rate or rates that would be used by the PBGC for a trusteed singleemployer plan to value the participant's (or beneficiary's) vested benefit (PBGC interest rate) if the present value of such benefit does not exceed $\$ 25,000$; or
(2) 120 percent of the PBGC interest rate, as determined in accordance with paragraph (d)(9)(i)(A)(1) of this section, if such present value exceeds $\$ 25,000$. In no event shall the present value determined by use of 120 percent of the PBGC interest rate result in a present value less than $\$ 25,000$.
(B) The PBGC interest rate may be a series of interest rates for any given date. For example, the PBGC interest rate for immediate annuities for November 1994 is $6 \%$, and the PBGC interest rates for the deferral period for that month are as follows: $5.25 \%$ for the first 7 years of the deferral period, 4\% for the following 8 years of the deferral period, and $4 \%$ for the remainder of the deferral period. For November 1994, 120 percent of the PBGC interest rate is 7.2\% (1.2 times 6\%) for an immediate annuity, $6.3 \%$ ( 1.2 times $5.25 \%$ ) for the first 7 years of the deferral period, $4.8 \%$ ( 1.2 times $4 \%$ ) for the following 8 years of the deferral period, and $4.8 \%$ ( 1.2 times $4 \%$ ) for the remainder of the deferral period. The PBGC interest rates are the interest rates that would be used (as of the date of the distribution) by the PBGC for purposes of determining the present value of that benefit upon termination of an insufficient trusteed single employer plan. Except

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as otherwise provided by the Commissioner, the PBGC interest rates are determined by PBGC regulations. See subpart B of 29 CFR part 4044 for the applicable PBGC rates.
(ii) Time for determining interest rate. (A) Except as provided in paragraph (d)(9)(ii)(B) of this section, the PBGC interest rate or rates are determined on either the annuity starting date or the first day of the plan year that contains the annuity starting date. The plan must provide which date is applicable.
(B) The plan may provide for the use of any other time for determining the PBGC interest rate or rates provided that such time is not more than 120 days before the annuity starting date if such time is determined in a consistent manner and is applied uniformly to all participants.
(C) The Commissioner may, in revenue rulings, notices or other guidance published in the Internal Revenue Bulletin (see §601.601(d)(2)(ii)(b), prescribe other times for determining the PBGC interest rate or rates.
(iii) No applicable mortality table. In the case of a distribution to which this paragraph (d)(9) applies, the rules of this paragraph (d) are applied without regard to the applicable mortality table described in paragraph (d)(2) of this section.
(10) Relationship with section 411(d)(6)-(i) In general. A plan amendment that changes the interest rate, the time for determining the interest rate, or the mortality assumptions used for the purposes described in paragraph (d)(1) of this section is subject to section $411(d)(6)$. But see §1.411(d)-4, Q\&A-2(b)(2)(v) (regarding plan amendments relating to involuntary distributions). In addition, a plan amendment that changes the interest rate or the mortality assumptions used for the purposes described in paragraph (d)(1) of this section merely to eliminate use of the interest rate described in paragraph (d)(3) or paragraph (d)(9) of this section, or the applicable mortality table, with respect to a distribution form described in paragraph (d)(6) of this section, for distributions with annuity starting dates occurring after a specified date that is after the amendment is adopted, does not violate the
requirements of section $411(d)(6)$ if the amendment is adopted on or before the last day of the last plan year ending before J anuary 1, 2000.
(ii) Section 411(d)(6) relief for change in time for determining interest rate. Notwithstanding the general rule of paragraph (d)(10)(i) of this section, if a plan amendment changes the time for determining the applicable interest rate (including an indirect change as a result of a change in plan year), the amendment will not be treated as reducing accrued benefits in violation of section 411(d)(6) merely on account of this change if the conditions of this paragraph (d)(10)(ii) are satisfied. If the plan amendment is effective on or after the adoption date, any distribution for which the annuity starting date occurs in the one-year period commencing at the time the amendment is effective must be determined using the interest rate provided under the plan determined at either the date for determining the interest rate before the amendment or the date for determining the interest rate after the amendment, whichever results in the larger distribution. If the plan amendment is adopted retroactively (that is, the amendment is effective prior to the adoption date), the plan must use the interest rate determination date resulting in the larger distribution for the period beginning with the effective date and ending one year after the adoption date.
(iii) Section 411(d)(6) relief for plan amendments pursuant to changes to section 417 made by RPA '94 providing for statutory interest rate determination date. Notwithstanding the general rule of paragraph (d)(10)(i) of this section, except as provided in paragraph (d)(10)(vi)(B) of this section, a participant's accrued benefit is not considered to be reduced in violation of section 411(d)(6) merely because of a plan amendment that changes any interest rate or mortality assumption used to calculate the present value of a participant's benefit under the plan, if the following conditions are satisfied-
(A) The amendment replaces the PBGC interest rate (or an interest rate or rates based on the PBGC interest rate) as the interest rate used under the plan in determining the present

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value of a participant's benefit under this paragraph (d); and
(B) After the amendment is effective, the present value of a participant's benefit under the plan cannot be less than the amount calculated using the applicable mortality table and the applicable interest rate for the first full calendar month preceding the calendar month that contains the annuity starting date.
(iv) Section 411(d)(6) relief for plan amendments pursuant to changes to section 417 made by RPA '94 providing for prior determination date or up to two months earlier. Notwithstanding the general rule of paragraph (d)(10)(i) of this section, except as provided in paragraph (d)(10)(vi)(B) of this section, a participant's accrued benefit is not considered to be reduced in violation of section 411(d)(6) merely because of a plan amendment that changes any interest rate or mortality assumption used to calculate the present value of a participant's benefit under the plan, if the following conditions are satisfied-
(A) The amendment replaces the PBGC interest rate (or an interest rate or rates based on the PBGC interest rate) as the interest rate used under the plan in determining the present value of a participant's benefit under this paragraph (d); and
(B) After the amendment is effective, the present value of a participant's benefit under the plan cannot be less than the amount calculated using the applicable mortality table and the applicable interest rate, but only if the applicable interest rate is the annual interest rate on 30-year Treasury securities for the calendar month that contains the date as of which the PBGC interest rate (or an interest rate or rates based on the PBGC interest rate) was determined immediately before the amendment, or for one of the two calendar months immediately preceding such month.
(v) Section 411(d)(6) relief for plan amendments pursuant to changes to section 417 made by RPA ' 94 providing for other interest rate determination date. Notwithstanding the general rule of paragraph (d)(10)(i) of this section, except as provided in paragraph (d)(10)(vi)(B) of this section, a participant's accrued benefit is not considered
to be reduced in violation of section 411(d)(6) merely because of a plan amendment that changes any interest rate or mortality assumption used to calculate the present value of a participant's benefit under the plan, if the following conditions are satisfied-
(A) The amendment replaces the PBGC interest rate (or an interest rate or rates based on the PBGC interest rate) as the interest rate used under the plan in determining the present value of a participant's benefit under this paragraph (d);
(B) After the amendment is effective, the present value of a participant's benefit under the plan cannot be less than the amount calculated using the applicable mortality table and the applicable interest rate; and
(C) The plan amendment satisfies either the condition of paragraph (d)(10)(ii) of this section (determined using the interest rate provided under the terms of the plan after the effective date of the amendment) or the special early transition interest rate rule of paragraph $(\mathrm{d})(10)(\mathrm{vi})(\mathrm{C})$ of this section.
(vi) Special rules-(A) Provision of temporary additional benefits. A plan amendment described in paragraph (d)(10)(iii), (iv), or (v) of this section is not considered to reduce a participant's accrued benefit in violation of section 411(d)(6) even if the plan amendment provides for temporary additional benefits to accommodate a more gradual transition from the plan's old interest rate to the new rules.
(B) Replacement of non-PBGC interest rate. The section $411(d)(6)$ relief provided in paragraphs (d)(10)(iii) through (v) of this section does not apply to a plan amendment that replaces an interest rate other than the PBGC interest rate (or an interest rate or rates based on the PBGC interest rate) as an interest rate used under the plan in determining the present value of a participant's benefit under this paragraph (d). Thus, the accrued benefit determined using that interest rate and the associated mortality table is protected under section 411(d)(6). F or purposes of this paragraph (d), an interest rate is based on the PBGC interest rate if the interest rate is defined as a specified

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percentage of the PBGC interest rate, the PBGC interest rate minus a specified number of basis points, or an average of such interest rates over a specified period.
(C) Special early transition interest rate rule for paragraph (d)(10)(v). A plan amendment satisfies the special rule of this paragraph (d)(10)(vi)(C) if any distribution for which the annuity starting date occurs in the one-year period commencing at the time the plan amendment is effective is determined using whichever of the following two interest rates results in the larger dis-tribution-
(1) The interest rate as provided under the terms of the plan after the effective date of the amendment, but determined at a date that is either one month or two months (as specified in the plan) before the date for determining the interest rate used under the terms of the plan before the amendment; or
(2) The interest rate as provided under the terms of the plan after the effective date of the amendment, determined at the date for determining the interest rate after the amendment.
(vii) Examples. The provisions of this paragraph (d)(10) are illustrated by the following examples:
Example 1. On December 31, 1994, Plan A provided that all single-sum distributions were to be calculated using the UP-1984 M ortality Table and $100 \%$ of the PBGC interest rate for the date of distribution. On J anuary 4, 1995, and effective on February 1, 1995, Plan A was amended to provide that all sin-gle-sum distributions are calculated using the applicable mortality table and the annual interest rate on 30-year Treasury securities for the first full calendar month preceding the calendar month that contains the annuity starting date. Pursuant to paragraph (d)(10)(iii) of this section, this amendment of Plan A is not considered to reduce the accrued benefit of any participant in violation of section 411(d)(6)
Example 2. On December 31, 1994, Plan B provided that all single-sum distributions were to be calculated using the UP-1984 M ortality Table and an interest rate equal to the lesser of $100 \%$ of the PBGC interest rate for the date of distribution, or $6 \%$. On J anuary 4, 1995, and effective on February 1, 1995, Plan $B$ was amended to provide that all singlesum distributions are calculated using the applicable mortality table and the annual interest rate on 30 -year Treasury securities for the second full calendar month preceding the
calendar month that contains the annuity starting date. Pursuant to paragraph (d)(10)(iv) of this section, this amendment of Plan B is not considered to reduce the accrued benefit of any participant in violation of section 411(d)(6) merely because of the replacement of the PBGC interest rate. How ever, under paragraph (d)(10)(vi)(B) of this section, the section $411(\mathrm{~d})(6)$ relief provided in paragraphs (d)(10)(iii) through (v) of this section does not apply to a plan amendment that replaces an interest rate other than the PBGC interest rate (or a rate based on the PBGC interest rate). Therefore, pursuant to paragraph (d)(10)(vi)(B) of this section, to satisfy the requirements of section $411(\mathrm{~d})(6)$, the plan must provide that the single-sum distribution payable to any participant must be no less than the single-sum distribution calculated using the UP-1984 M ortality Table and an interest rate of $6 \%$, based on the participant's benefits under the plan accrued through J anuary 31, 1995, and based on the participant's age at the annuity starting date.
Example 3. On December 31, 1994, Plan C, a calendar year plan, provided that all single sum distributions were to be calculated using the UP-1984 Mortality Table and an interest rate equal to the PBGC interest rate for J anuary 1 of the plan year. On March 1, 1995, and effective on July 1, 1995, Plan C was amended to provide that all single-sum distributions are calculated using the applicable mortality table and the annual interest rate on 30 -year Treasury securities for August of the year before the plan year that contains the annuity starting date. The plan amendment provides that each distribution with an annuity starting date after J une 30 , 1995, and before July 1, 1996, is calculated using the 30-year Treasury rate for August of the year before the plan year that contains the annuity starting date, or the 30-year Treasury rate for J anuary of the plan year that contains the annuity starting date, whichever produces the larger benefit. Pursuant to paragraph $(\mathrm{d})(10)(\mathrm{v})$ of this section the amendment of Plan C is not considered to have reduced the accrued benefit of any participant in violation of section 411(d)(6).
Example 4. (a) Employer $X$ maintains Plan D, a calendar year plan. As of December 7, 1994, PIan D provided for single-sum distributions to be calculated using the PBGC interest rate as of the annuity starting date for distributions not greater than $\$ 25,000$, and $120 \%$ of that interest rate (but not an interest rate producing a present value less than $\$ 25,000$ ) for distributions over $\$ 25,000$. Employer $X$ wishes to delay the effective date of the RPA ' 94 rules for a year, and to provide for an extended transition from the use of the PBGC interest rate to the new applicable interest rate under section 417(e)(3). On December 1, 1995, and effective on J anuary 1 1996, Employer X amends Plan D to provide

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that single-sum distributions are determined as the sum of-
(i) The single-sum distribution calculated based on the applicable mortality table and the annual interest rate on 30 -year Treasury securities for the first full calendar month preceding the calendar month that contains the annuity starting date; and
(ii) A transition amount.
(b) The amendment provides that the transition amount for distributions in the years 1996-99 is a transition percentage of the excess, if any, of the amount that the singlesum distribution would have been under the plan provisions in effect prior to this amendment over the amount of the single sum described in paragraph (a)(i) of this Example 4. The transition percentages are 80\% for 1996, decreasing to 60\% for 1997, 40\% for 1998 and $20 \%$ for 1999. The amendment also provides that the transition amount is zero for plan years beginning on or after the year 2000. Pursuant to paragraphs (d)(10)(iii) and (vi)(A) of this section, the amendment of Plan D is not considered to have reduced the accrued benefit of any participant in violation of section 411(d)(6)
Example 5. On December 31, 1994, Plan E, a calendar year plan, provided that all singlesum distributions were to be calculated using the UP-1984 Mortality Table and an interest rate equal to the PBGC interest rate for J anuary 1 of the plan year. On March 1, 1995, and effective on J uly 1, 1995, Plan E was amended to provide that all single-sum distributions are calculated using the applicable mortality table and the annual interest rate on 30 -year Treasury securities for August of the year before the plan year that contains the annuity starting date. The plan amendment provides that each distribution with an annuity starting date after J une 30, 1995, and before July 1, 1996, is calculated using the 30 -year Treasury rate for August of the year before the plan year that contains the annuity starting date, or the 30 -year Treasury rate for November of the plan year preceding the plan year that contains the annuity starting date, whichever produces the larger benefit. Pursuant to paragraphs $(\mathrm{d})(10)(\mathrm{v})$ and $(\mathrm{vi})(\mathrm{C})$ of this section, the amendment of Plan E is not considered to have reduced the accrued benefit of any participant in violation of section 411(d)(6).
(e) Special rules for annuity contracts(1) General rule. Any annuity contract purchased by a plan subject to section 401(a)(11) and distributed to or owned by a participant must provide that benefits under the contract are provided in accordance with the applicable consent, present value, and other requirements of sections 401(a)(11) and 417 applicable to the plan.
(2) [R eserved]

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(f) Effective dates-(1) Annuity contracts. (i) Paragraph (e) of this section does not apply to contracts distributed to or owned by a participant prior to September 17, 1985, unless additional contributions are made under the plan by the employer with respect to such contracts.
(ii) In the case of a contract owned by the employer or distributed to or owned by a participant prior to the first plan year beginning after December 31, 1988, paragraph (e) of this section shall be satisfied if the annuity contracts described therein satisfy the requirements in $\S \S 1.401(a)-11 T$ and 1.417(e)-1T. The preceding sentence shall not apply if additional contributions are made under the plan by the employer with respect to such contracts on or after the beginning of the first plan year beginning after December 31, 1988.
(2) Interest rates. (i) A plan that uses the PBGC immediate interest rate as required by $\S 1.417(e)-1 T(e)$ for distributions commencing in plan years beginning before J anuary 1, 1987, shall be deemed to satisfy paragraph (d) of this section for such years.
(ii) F or a special exception to the requirements of section $411(d)(6)$ for certain plan amendments that incorporate applicable interest rates, see section 1139(d)(2) of the Tax Reform Act of 1986.
(3) Other effective dates and transitional rules. (i) Except as otherwise provided, a plan will be treated as satisfying sections 401(a)(11) and 417 for plan years beginning before the first plan year that the requirements of section 410(b) as amended by TRA 86 apply to such plan, if the plan satisfied the requirements in $\S \S 1.401(a)-11 T$ and 1.417(e)-1T.
(ii) See §1.401(a)-20 for other effective dates and transitional rules that apply to plans subject to sections 401(a)(11) and 417.
T.D. 8219, 53 FR 31854, Aug. 22, 1988; 53 FR 48534, Dec. 1, 1988, as amended by T.D. 8591, 60 FR 17219, Apr. 5, 1995; T.D. 8620, 60 FR 49221, Sept. 22, 1995; T.D. 8768, 63 FR 16898, A pr. 7, 1998; T.D. 8796, 63 F R 70011, Dec. 18, 1998; T.D 8794, 63 FR 70338, Dec. 21, 1998; T.D. 8891, 65 FR 44681, 44682, July 19, 2000; T.D. 9076, 68 F R 41909, J uly 16, 2003; T.D. 9099, 68 FR 70149, Dec. 17, 2003]

