EXHIBIT E: Evaluation Checklist - GICs

Summary

Collars

Financial Instrument or Contract Reviewed: Principal Financial Group GIC -Effective Date of 1/02/02; Expiration Date 12/31/2008 - Contract: 4-6259 **Evaluation as of:** 6/30/2009 **Reviewed By: Evaluation Prepared By: J. Plotts** Interest rate swap Swaptions Commodity swap Forward contracts Interest rate lock Futures contracts Options: Other: Caps Describe Guaranteed Investment Contract **Floors**

Is this financial instrument is a derivative instrument under GASB 53?

	D 4	Check as
	Reference Questions	Appropriate
Derivative instrument	1-3	
Hybrid instrument	4-7	
Synthetic Guaranteed Investment Contract	8-14	
If a derivative instrument, is it excluded from scope?	15-19	
This is not a derivative instrument		X
Is this an investment derivative or a potential hedging derivative?		Check one
Investment derivative	20	
Potential hedging derivative:		
Existing or expected financial instrument?	21	
Existing or expected commodity?	21	
For existing or expected financial instruments:	21-29	Check one
Effective hedge (hedge accounting applies): (1) Cash flow hedge		
Fair value hedge		
Indicate method used to document effectiveness		
Ineffective hedge (hedge accounting does not apply)		
For existing or expected commodity transactions:	30-37	Check one
Effective hedge (hedge accounting applies): (1) Cash flow hedge Fair value hedge		
Indicate method used to document effectiveness: Dollar Offi Regression Analysis Method Ineffective hedge (hedge accounting does not apply)	fset Method &	

(1) Once determined to be an effective hedge, an eveluation must be performed each subsequent year to validate continued effectiveness, unless Consistent Critical Terms Method is used.

EXHIBIT E: Evaluation Checklist - GICs

Initial Year Evaluation Checklist for: Principal Financial Group GIC - Effective Date of 1/02/02; Expiration Date 12/31/2008 - Contract: 4-6259

Refer to the GASB Statement No. 53 Outline for details

Note: A ttach comments as necessary for further discussion of the conclusion. Certain questions may not result in simple "yes" or "no" answers and the substance of the financial instrument or contract must be considered in in order to arrive at the conclusion.

Determine whether the financial instrument or contract qualifies as a derivative instrument. If so, evaluate whether it is a hedging derivative. If a hedging derivative, determine whether it is a cash flow or fair value hedge.

Does this Meet the Definition of a Derivative Instru	ment? (¶7-13)	
	YES/ NO	Source Document/ X - Reference
1. Does the financial instrument have settlement factors that include a) a reference rate and b) a notional amount?	No	Contract 4-6259
2. Is there leverage, i.e. little or no initial net investment?	No	Contract 4-6259
3. Are there net settlement provisions?	No	Contract 4-6259
If "yes," to question 1-3, the financial instrument or contract is a derivative instrument. H beginning with question 15 to determine whether the type of financial instrument or contract Statement No. 53.		
If "no" to any one of questions 1-3, the financial instrument or contract is not be a derival evaluation beginning with question 4 to assess whether a hybrid instrument is involved.	tive instrument. Ho	wever, continue the
If Not, Does this Meet the Definition of a Hybrid Ins	strument? (¶64))
4. Is this a situation where there may be a derivative instrument that accompanies, or is incorporated within, a companion document?	No	Contract 4-6259
If "yes," to question 4, the financial instrument or contract may be a hybrid instrument an evaluation beginning with question 5 to determine whether the type of financial instrument		
If "no" to question 4, the financial instrument or contract is not a hybrid instrument. How with question 8 to determine whether an SGIC is involved.	ever, continue the e	evaluation beginning
5. Is it a true statement that the companion instrument is not measured at fair value on the Statement of Net Assets?	N/A	No companion instrument
6. Would a separate instrument with the same terms as a derivative instrument meet the definition of a derivative instrument using questions 1-3 above?	N/A	No companion instrument
7. Is it a true statement that the economic characteristics and risks of the derivative instrument are not closely related to the economic characteristics and risks of the companion instrument?	N/A	No companion instrument

If "yes" to all questions of 5-7 the financial instrument or contract is a hybrid instrument. However, continue the evaluation beginning with question 15 to determine whether the type of financial instrument or contract is excluded from the scope of Statement No. 53.

If "no" to any one of questions 4-6, the financial instrument or contract is not a hybrid instrument However, continue the evaluation beginning with question 8 to assess whether an SGIC is involved.

If Not, Does this Meet the Definition of a Synthetic Guaranteed Investment Contract (SGIC)? (¶67)

	Does the SGIC prohibit the University from assigning or selling the contract or its proceeds to another party without the consent of the issuer?	N/A	GIC, not a SGIC
	Are prospective interest crediting rate adjustments provided to plan partcipants and UC on a designated pool of investments by a financially responsible third party?	27/1	212
		N/A	GIC, not a SGIC
	Do the adjustments provide assurance that probable future rate adjustments would result in an interest crediting rate of less than zero is remote?	N/A	GIC, not a SGIC
	Do the pool of investments in total meet both of the following criteria? * The pool is of high credit quality such that the possibility of credit loss is remote? * The pool may be prepaid or otherwise settled in such a way that UC and its plan participants would recover contract value?		
		N/A	GIC, not a SGIC
	Do the terms of the SGIC require all permitted participant-initiated transactions with UC to occur at contract value with no conditions, limits, or restrictions? (permitted participant-initiated transactions are those transactions allowed by UC, such as withdrawals for benefits, loans, or transfers to other investment choices)	N/A	GIC, not a SGIC
	Some events may limit UC's ability to transact with participants at contract value. Examples are premature termination of contracts, layoffs, plan terminations, bankruptcies, and early retirement incentives. Is the probability of such an event occurring within one year of the date of the financial statements remote?	IVA	OIC, HOL & SOIC
	occurring within one year of the date of the intuitions statements remote.	N/A	GIC, not a SGIC
14.	Does UC allow participants reasonable access to their investments?	N/A	GIC, not a SGIC
	If "yes" to all questions of 8-14 the financial instrument or contract is an SGIC under States and disclose in accordance with that Statement. The evaluation does not continue.	nent No. 53. Mea	sure at contract value

If "no" to any of questions 8-14, the financial instrument or contract is not an SGIC under Statement No. 53. The evaluation does not continue.

If this Meets the Definition of a Derivative Instrument, is it Excluded from the Scope of GASB Statement No. 53? (¶14-18)

15.	Is the derivative instrument a normal purchase or sale contract for a commodity used
	in the normal course of operations? Consider whether the contract results in the
	purchase or sale of a commodity such as natural gas or electricity, whether the contract
	includes a net settlement feature, whether the University has entered into such a
	contract in the past, whether the University has a practice of taking delivery or selling
	a commodity, and whether the quantity of the commodity in the contract is consistent
	with the volume used in the University's activities.

16. Is this a risk financing or insurance related contract?

	s this a financial guarantee contract that does not respond to changes in a reference ate?	
ra	s this a specific type of contract that is not exchange traded and includes a reference ate based upon climate, geological, other physical variables, or the price of a confinancial asset?	
19 To	s this a loan commitment contract?	

If "yes" to any one of questions 15-19, the financial instrument or contract is excluded from the scope of Statement No. 53 and the evaluation does not continue.

However, if "no" to all of questions 14-19, the financial instrument or contract is a derivative instrument that must be further evaluated under Statement No. 53 to determine whether it is an "investment derivative" or a "hedging derivative," and if a "hedging derivative," whether it is "effective" or "ineffective" hedge. Begin the next stage of the evaluation with question 20.

Determine Whether the Derivative Instrument is an "Investment Derivative" or a Potential "Hedging Derivative" (¶20)

20. Was the derivative instrument or contract entered into for the purpose of making a profit?

If "yes" to question 20, the financial instrument or contract is an investment derivative under Statement No. 53. Apply investment derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to question 20, the financial instrument or contract is a hedging derivative and must be further evaluated to determine whether it is an "effective" or "ineffective" hedge. Begin the next stage of the evaluation with question 21.

21. Is the hedgeable item an existing or expected financial instrument?

If "yes" to question 21, continue the evaluation with question 22.

If "no" to question 21, the hedgeable item item is an existing or expected commodity transaction. Skip to question 30.

Evaluate Whether the Potential Hedging Derivative Where the Hedgeable Item is a Existing or Expected Financial Instrument is an "Effective" or Ineffective" Hedge. (¶34-48)

If the derivative instrument is an interest rate swap or forward contract, determine whether it is "effective" under the Consistent Critical Terms Method by continuing with question 22a, 23a or 24a.

Based upon the answers to the following, determine whether the Consistent Critical Terms Method of evaluating an interest rate swap or forward contract results in an "effective" hedge:

EXISTING OR EXPECTED FINANCIAL INSTRUMENTS

Consistent Critical Terms Method

For an "effective" interest rate swap-cash flow hedge (\$\quad 937):

22a. Is the notional amount of the interest rate swap the same as the principal amount of the hedgeable item throughout the life of the hedging relationship? This criterion is met if the notional amount of the interest rate swap and principal amount of the hedgeable item are equal for each hedged interest payment, even if the hedged item amortizes or otherwise adjusts subsequent to the inception of the hedge.



Derivative Instruments - IRM 53.4 02/12/10

Exhibit E, Page 4 of 12

Upon association with the hedgeable item, does the interest rate swap have a zero fair value? (the value of a derivative instrument that is either entered into or exited with no consideration being exchanged. A zero fair value should be within a dealer's normal bid/offer spread.)	
Is the formula for computing net settlements under the interest rate swap the same for each net settlement? (That is, the fixed rate is the same throughout the term of the interest rate swap. Likewise, each variable payment of the interest rate swap is based on the same variable, such as the same reference rate or index.)	
Is the reference rate of the interest rate swap's variable payment consistent with one of the following: (1) The reference rate or payment of the hedgeable item. For example, an interest rate swap provides variable payments to the University equal to the total variable payments of variable-rate bonds—a cost-of-funds hedge. (2) A benchmark interest rate as specified in paragraph 35 if interest rate risk is the hedged risk. The reference rate cannot be multiplied by a coefficient, such as 68 percent of LIBOR, but it may be adjusted by addition or subtraction of a constant, such as the SIFMA swap index plus 10 basis points, provided that the constant is specifically attributable to the effects of state-specific tax rates.	
Do interest receipts or payments of the interest rate swap occur during the term of the hedgeable item, and no interest receipts or payments of the interest rate swap occur after the term of the hedgeable item? (For example, an interest rate swap that hedges the first 10 years of a 15-year variable-rate bond meets this criterion.)	
Is it true that the reference rate of the interest rate swap does not have a floor or cap unless the hedgeable item has a floor or cap. (If the hedgeable item has a floor or cap, does the interest rate swap have a floor or cap on the variable interest rate that is comparable to the floor or cap on the hedgeable item? (Comparable does not necessarily mean equal. For example, an interest rate swap's reference rate is the SIFMA swap index, while the hedgeable bond's variable rate is the SIFMA swap index plus 2 percent. A 10 percent cap on the interest rate swap would be comparable to a 12 percent cap on the bonds and would meet this criterion as both caps produce equal changes in cash flows if the SIFMA swap index exceeds 10 percent.)	
Is the time interval of the reference rate, commonly referred to as the designated maturity, employed in the variable payment of the interest rate swap the same as the time interval of the rate reset periods of the hedgeable item? (Examples that meet this criterion include an interest rate swap with a variable payment referenced to (1) the SIFMA swap index—a seven-day index—that hedges variable-rate bonds with a rate reset every seven days and (2) an interest rate swap with a variable payment referenced to the one-month LIBOR index that hedges taxable variable-rate bonds with a monthly rate reset.)	
Are the frequency of the rate resets of the variable payment of the swap and the hedgeable item the same? (For example, this criterion is met by an interest rate swap with a reference rate that resets monthly and hedges bonds with a variable interest rate that also resets monthly.)	
Are the rate reset dates of the interest rate swap within six days of the rate reset dates of the hedgeable item? (For example, this criterion is met by an interest rate swap with a reference rate that resets on the 15th day of the month that hedges bonds with a variable interest rate that resets on the 18th day of the month.)	
Are the periodic interest rate swap payments within 15 days of the periodic payments of the hedgeable item?	

If "yes" to all of questions 22a-j, the interest rate swap is an "effective" <u>cash flow hedge</u> under the Consistent Critical Terms Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 22 a-j, the interest rate swap is not an "effective" <u>cash flow hedge</u> under the Consistent Critical Terms Method and must be further evaluated. Begin the next stage of the evaluation with question 23.

For an "effective" interest rate swap-fair value hedge (¶38):

23a. Is the notional amount of the interest rate swap the same as the principal amount of the hedgeable item throughout the life of the hedging relationship? (This criterion is met if the notional amount of the interest rate swap and principal amount of the hedgeable item are equal over the entire term of the hedgeable item, even if the hedgeable item amortizes or otherwise adjusts subsequent to the inception of the hedge.) 23b. Upon association with the hedgeable item, does the interest rate swap have a zero fair value? 23c. Is the formula for computing net settlements under the interest rate swap the same for each net settlement? (That is, the fixed rate is the same throughout the term of the interest rate swap. Likewise, each variable payment of the interest rate swap is based on the same variable, such as the same reference rate or index.) 23d. Is it true that the interest rate swap that hedges interest rate risk has a variable payment based on a benchmark interest rate without multiplication by a coefficient, such as 68 percent of LIBOR? (The benchmark interest rate, however, may be adjusted by addition or subtraction of a constant, such as the SIFMA swap index plus 10 basis points, provided that the constant is specifically attributed to the effect of state-specific tax rates.) 23e. Is it true that the hedgeable item is not prepayable? (that is, the hedgeable item is not able to be settled by either party prior to its scheduled maturity). This criterion does not apply to a call option in an interest-bearing hedgeable item that is matched by a mirror-image call option in an interest rate swap if both of the following criteria are met: (1) A mirror-image call option matches the terms of the call option in the hedgeable item. The terms include maturities, strike price, related notional amounts, timing and frequency of payments, and dates on which the instruments may be called. (2) The University is the writer of one call option and the holder (or purchaser) of the other call option. 23f. Is the expiration date of the interest rate swap on or about the maturity date of the hedgeable item so that the University will not be exposed to interest rate risk or market risk? 23g. Is it true that the reference rate of the interest rate swap has neither a floor nor a cap? 23f. Does the reference rate of the interest rate swap reset at least every 90 days so that the variable payment or receipt is considered to be at a market rate?

If "yes" to all of questions 22a-f, the interest rate swap is an "effective" <u>fair value hedge</u> under the Consistent Critical Terms Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 23 a-f, the interest rate swap is not an "effective" <u>fair value hedge</u> under the Consistent Critical Terms Method and must be further evaluated. Begin the next stage of the evaluation with question 24a.

For an "effective" forward contract-cash flow hedge (¶39):

If "no" to question 24a, continue to 24b.

24a. Is the object of the hedge an <u>existing</u> single asset or liability, or group of assets and liabilities, that are currently measured at fair value on the SRECNA, such as debt or

If "yes" to question 24a, the derivative instrument is an investment derivative. Apply investment derivative financial reporting treatment and disclosures as outlined in the

24b. Is the object of the hedge an <u>expected</u> single asset or liability, or group of assets and liabilities, that are not currently measured at fair value on the SRECNA, such as the

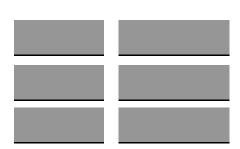
If "yes" to question 24b, a hedgeable item exists and therefore continue the evaluation to 24c to determine whether the potential hedging derivative is "effective".

If "no" to question 24b, the derivative instrument is an investment derivative. Apply investment derivative financial reporting treatment and disclosures as outlined in the

24c. Is the forward contract for the purchase or sale of the same quantity or notional amount and at the same time as the hedgeable item?

24d. Upon association with the hedgeable item, does the forward contract have a zero fair value?

24e. Is the reference rate of the forward contract consistent with the reference rate of the hedgeable item?



If "yes" to all of questions 24c-e, the forward contract is an "effective" <u>cash flow hedge</u> under the Consistent Critical Terms Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM. Discontinue the evaluation.

If "no" to any one of questions 24a-c, the forward contract is not an "effective" <u>cash flow hedge</u> under the Consistent Critical Terms Method. Do not apply hedging derivative financial reporting treatment. Apply investment derivative financial reporting treatment and disclosures as outlined in the IRM. Discontinue the evaluation.

Ouantitative Methods

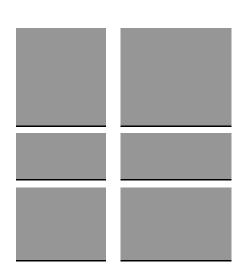
If the interest rate swap or forward contract is not "effective" under the Consistent Critical Terms Method, continue the evaluation using at least one of the quantitative methods discussed below.

Synthetic instrument method-cash flow hedge ($\P42-43$):

25a. Is the notional amount of the potential hedging derivative instrument the same as the principal amount of the associated variable-rate asset or liability throughout the life of the hedging relationship? (This criterion is met if the notional amount of the swap and principal amount of the hedgeable item match for each hedged interest payment, even if the hedged item amortizes or otherwise adjusts subsequent to the inception of the hedge.)

25b. Upon association with the variable-rate asset or liability, does the potential hedging derivative instrument have a zero fair value or is the forward price at-the-market?

25c. Is the formula for computing net settlements under the potential hedging derivative instrument the same for each net settlement; that is, the same fixed rate, reference rate, and constant adjustment, if any, throughout the term of the potential hedging derivative instrument?



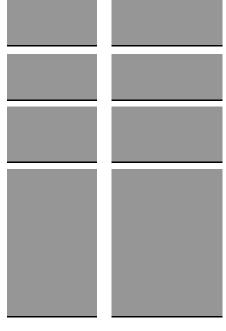
25d. Do the interest receipts or payments of the potential hedging derivative instrument occur during the term of the variable-rate asset or liability, and no interest receipts or payments occur after the term of the variable-rate asset or liability? (For example, a swap that hedges the first 10 years of a 15-year variable-rate bond meets this criterion.)



If "yes" to all of questions 25a-d, the Synthetic Instrument Method may be applied to evaluate the effectiveness of a potential hedging derivative. Continue with question 26.

If "no" to any one of questions 25a-d, the Synthetic Instrument Method may not be applied to evaluate the effectiveness of a potential hedging derivative. Skip to question 27 for another quantitative method.

- 26. Under the synthetic instrument method, a potential hedging derivative instrument is effective if the actual synthetic rate is substantially fixed. The results of this analysis should be evaluated as follows:
- 26a. Is the actual synthetic rate within a range of 90 to 111 percent of the fixed rate of the potential hedging derivative instrument?
- 26b. If the actual synthetic rate is outside the required range for the current reporting period, the actual synthetic rate should be calculated on a life-to-date basis. Is the actual synthetic rate on a life-to-date basis within the required range?
- 26c. If a short time period has elapsed since inception of the hedge and the actual synthetic rate is outside the required range, the evaluation may include hypothetical payments, as if the hedge had been established at an earlier date. Effectiveness should then be reevaluated. For example, the first reporting period ends 90 days into a 10-year hedge, and when the government prepares its financial statements, it finds that the actual synthetic rate for the 90-day period is outside the 90 to 111 percent range. In that case, hypothetical payments from periods prior to the establishment of the hedge may be added to the evaluation. Does that analysis show a synthetic rate within the required range?



If "yes" to any of questions 26a-c, the derivative instrument is an "effective" <u>cash flow hedge</u> under the Synthetic Instrument Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 26a-c, the derivative instrument is not an "effective" <u>cash flow hedge</u> under the Synthetic Instrument Method and must be further evaluated. Skip to question 27 for another quantitative method.

Dollar-offset method-fair value or cash flow hedge (¶44):

27. The dollar-offset method evaluates effectiveness by comparing the changes in expected cash flows or fair values of the potential hedging derivative instrument with the changes in expected cash flows or fair values of the hedgeable item. This evaluation may be made using changes in the current period or on a life-to-date basis. Do changes in either the hedgeable item or the potential hedging derivative instrument divided by the other result within a range of 80 to 125 percent in absolute terms?



If "yes" to question 27, the derivative instrument is an "effective" as either a <u>cash flow or fair value hedge</u> under the Dollar Offset Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to question 27, the derivative instrument is not an "effective" cash flow <u>or fair value hedge</u> under the Dollar Offset Method and must be further evaluated. Skip to question 28 for another quantitative method.

Regression analysis method (¶45-47):

Cash flow hedges. If a potential hedging derivative instrument is employed as a cash flow hedge, the relationship analyzed should be relevant cash flows, rates, or fair values of the potential hedging derivative instrument and the hedgeable item. See ¶46.

Fair value hedges. If a potential hedging derivative instrument is employed as a fair value hedge, the relationship analyzed should be the changes in fair values of the potential hedging derivative instrument and the hedgeable item.

28. For either a cash flow or fair value hedge, under the regreession analysis method:

28a. Is the R-squared of the regression analysis is at least 0.80?

28b. Does the F-statistic calculated for the regression model demonstrate that the model is significant using a 95 percent confidence interval?

28c. Is the regression coefficient for the slope is between -1.25 and -0.80?



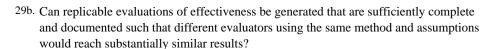
If "yes" to all of questions 28a-c, the derivative instrument is either an "effective" <u>cash flow hedge</u> or <u>fair value hedge</u> under the Regression Analysis Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 28a-c, the derivative instrument is not an "effective" <u>cash flow or fair value hedge</u> under the Regression Analysis Method and must be further evaluated. Skip to question 29 for another quantitative method.

Other Quantitative Methods (¶48):

The University may use a quantitative method to evaluate effectiveness not specifically identified in Statement No. 53 if the method meets all of the following criteria:

29a. Through identification and analysis of critical terms, does the method demonstrates that the changes in cash flows or fair values of the potential hedging derivative instrument substantially offset the changes in cash flows or fair values of the hedgeable item?



29c. Have the substantive characteristics of the hedgeable item and the potential hedging derivative instrument that could affect their cash flows or fair values been considered?



If "yes" to all of questions 29a-c, another quantitative method may be used to demonstrate effectiveness.

If "no" to any of questions 29a-c, another quantitative method may not be used to demonstrate effectiveness.

EXISTING OR EXPECTED COMMODITY TRANSACTIONS

Based upon the answers to the following, determine whether the Consistent Critical Terms Method of evaluating a commodity asset or expected transaction results in an "effective" hedge:

Consistent Critical Terms Method

For an "effective" commodity swap-cash flow hedge (¶51):

30a. Is the commodity swap for the purchase or sale of the same quantity (notional amount) of the same hedgeable item at the same time and delivery location as the hedgeable item?



80b.	Upon association with the hedgeable item, does the commodity swap have a zero fair value?		
30c.	Is the reference rate of the commodity swap consistent with the reference rate of the hedgeable item. (For example, a commodity swap hedges the University's natural gas purchases at the Henry Hub pricing point. That commodity swap also should have a reference rate based on the Henry Hub pricing point to meet this criterion.)		
30d.	Is it true that the reference rate of the commodity swap does not have a floor or cap unless the hedgeable item has a floor or cap? (Floors and caps place limits on expected cash flows. If the hedgeable item has a floor or cap, the commodity swap has a comparable floor or cap on the variable commodity price.)		
		1 1 0	C ::: 1T

If "yes" to all of questions 30a-d, the interest rate swap is an "effective" <u>cash flow hedge</u> under the Consistent Critical Terms Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 30 a-d, the interest rate swap is not an "effective" <u>cash flow hedge</u> under the Consistent Critical Terms Method and must be further evaluated. Begin the next stage of the evaluation with question 31.

For an "effective" commodity swap-fair value hedge ($\P 52$):

To an effective commonly swap-fair value neage (\(\int_{32} \)).	
31a. Is the commodity swap for the purchase or sale of the same quantity (notional amount) of the same hedgeable item at the same time and delivery location as the hedgeable item?	
31b. Upon association with the hedgeable item, does the commodity swap have a zero fair value?	
31c. Is it true that the hedgeable item is not prepayable? (that is, the hedgeable item is not able to be settled by either party prior to its scheduled maturity). This criterion does not apply to a call option in an interest-bearing hedgeable item that is matched by a mirror-image call option in a commodity swap if both of the following criteria are met: (1) A mirror-image call option matches the terms of the call option in the hedgeable item. The terms include maturities, strike price, related notional amounts, timing and frequency of payments, and dates on which the instruments may be called. (2) The University is the writer of one call option and the holder (or purchaser) of the other call option.	
31d. Is the expiration date of the commodity swap on or about the maturity date of the hedgeable item so that the University will not be exposed to interest rate risk or market risk?	
31e. Is it true that the reference rate of the commodity swap has neither a floor nor a cap?	
31f. Does the reference rate of the commodity swap reset at least every 90 days so that the variable payment or receipt is considered to be at a market rate?	

If "yes" to all of questions 31a-f, the commodity swap is an "effective" <u>fair value hedge</u> under the Consistent Critical Terms Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 31 a-f, the commodity swap is not an "effective" <u>fair value hedge</u> under the Consistent Critical Terms Method and must be further evaluated. Begin the next stage of the evaluation with question 33a.

For an "effective" commodity forward contract-cash flow hedge ($\P 53$):

32a.	Is the forward contract for the purchase or sale of the same quantity or notional amount and at the same time as the hedgeable item?		
32b.	Upon association with the hedgeable item, does the forward contract have a zero fair value?		
32c.	Is the reference rate of the forward contract consistent with the reference rate of the hedgeable item?		
	If "yes" to all of questions 32a-c, the commodity forward contract is an "effective" cash flow Terms Method. Apply hedging derivative financial reporting treatment and disclosures as of		Consistent Critical
	If "no" to any one of questions 32 a-c, the commodity forward contract is not an "effective" Critical Terms Method and must be further evaluated. Begin the next stage of the evaluation		nder the Consistent
	Quantitative Methods If the commodity swap or forward contract is not "effective" under the Consistent Critical Terms Method, continue the evaluation using at least one of the quantitative methods discussed below.		
	Synthetic instrument method-cash flow hedge (¶56-57):		
33a.	Is the notional amount of the potential hedging derivative instrument the same as the quantity of the hedgeable item?		
33b.	Upon association with the hedgeable item, does the potential hedging derivative instrument have a zero fair value or is the forward price at-the-market?		
	If "yes" to all of questions 33 a-b, the Synthetic Instrument Method may be applied to evalue hedging derivative. Continue with question 34.	ate the effectiveness	of a potential
	If "no" to any one of questions 33 a-b, the Synthetic Instrument Method may not be applied a potential hedging derivative. Skip to question 35 for another quantitative method.	to evaluate the effec	tiveness of a
34.	Under the synthetic instrument method, a potential hedging derivative instrument is effective if the actual synthetic rate is substantially fixed. The results of this analysis should be evaluated as follows:		
34a.	Is the actual synthetic rate within a range of 90 to 111 percent of the fixed rate of the potential hedging derivative instrument?		
	Dollar-offset method-fair value or cash flow hedge ($\P 58$):		
35.	The dollar-offset method evaluates effectiveness by comparing the changes in expected cash flows or fair values of the potential hedging derivative instrument with the changes in expected cash flows or fair values of the hedgeable item. This evaluation may be made using changes in the current period or on a life-to-date basis. Do changes in either the hedgeable item or the potential hedging derivative instrument divided by the other result within a range of 80 to 125 percent in absolute terms?		

If "yes" to question 35, the derivative instrument is an "effective" as either a <u>cash flow or fair value hedge</u> under the Dollar Offset Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to question 35, the derivative instrument is not an "effective" cash flow <u>or fair value hedge</u> under the Dollar Offset Method and must be further evaluated. Skip to question 36 for another quantitative method.

Regression analysis method (¶59):

Cash flow hedges. If a potential hedging derivative instrument is employed as a cash flow hedge, the relationship analyzed should be relevant cash flows, rates, or fair values of the potential hedging derivative instrument and the hedgeable item. See ¶60.

Fair value hedges. If a potential hedging derivative instrument is employed as a fair value hedge, the relationship analyzed should be the changes in fair values of the potential hedging derivative instrument and the hedgeable item.

For either a cash flow or fair value hedge, under the regreession analysis method:

36a. Is the R-squared of the regression analysis is at least 0.80?	
36b. Does the F-statistic calculated for the regression model demonstrate that the model is significant using a 95 percent confidence interval?	
36c. Is the regression coefficient for the slope is between –1.25 and –0.80?	

If "yes" to all of questions 36a-c, the derivative instrument is either an "effective" <u>cash flow hedge or fair value hedge</u> under the Regression Analysis Method. Apply hedging derivative financial reporting treatment and disclosures as outlined in the IRM.

If "no" to any one of questions 36a-c, the derivative instrument is not an "effective" <u>cash flow or fair value hedge</u> under the Regression Analysis Method and must be further evaluated. Skip to question 37 for another quantitative method.

Other Quantitative Methods (¶62):

The University may use a quantitative method to evaluate effectiveness not specifically identified in Statement No. 53 if the method meets all of the following criteria:

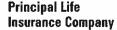
37a. Through identification and analysis of critical terms, does the method demonstrates that the changes in cash flows or fair values of the potential hedging derivative instrument substantially offset the changes in cash flows or fair values of the hedgeable item?

37b. Can replicable evaluations of effectiveness be generated that are sufficiently complete and documented such that different evaluators using the same method and assumptions would reach substantially similar results?

37c. Have the substantive characteristics of the hedgeable item and the potential hedging derivative instrument that could affect their cash flows or fair values been considered?

If "yes" to all of questions 37 a-c, another quantitative method may be used to demonstrate effectiveness.

If "no" to any of questions 37 a-c, another quantitative method may not be used to demonstrate effectiveness.





July 18, 2002

Mel Stanton University of California 1111 Broadway, Suite 400 Oakland, CA 94607-4036

RE

University of California Tax-Deferred Annuity Plan And Supplemental Retirement Programs Annuity Contract No. 4-6259

Dear Mel

I have enclosed copies of revised Page 1 of the Schedule of Specifications and Values for the University of California contract. The total deposits have been updated in Item 4.

Please have Page 4 of the Schedule signed and returned to me. If you have any questions, please feel free to call me at the number below.

Sincerely

Lori K. Lopez

Sr. Contract Analyst Phone 800 543-4015

Ext. 77861

Enclosure

cc: Vicki Prorock - RIS Adm GI 01

Schedule of Specifications and Values		Contra	ct No	4-6259
This schedule is made a part of the contract to which defined in the contract have the same meaning where	it is attached. Terms used in this Schedule.	For identification pur be referred to as Sc		
l. Plan				
The name of the Plan(s): <u>University of California Tax-</u>	Deferred Annuity Plan an	d Supplemental Retireme	nt Programs	
2. Important Dates and Periods (dates are expresse				
The Deposit Period for this Schedule is from:		to <u>Decen</u>	ber 31, 200	2
Effective Date of this Deposit Arrangement End of De	posit Period 1/2002	End of Guarantee 12/30/200		
2. Our south and Indianant Plate				
3. Guaranteed Interest Rate		5.75 0		
The effective annual Guaranteed Interest Rate for this Has the rate shown been adjusted to be NET after ex			% No	
This the rate shown been adjusted to be the ratio ox		_		
4. Deposits				
Deposits under the Deposit Arrangement are a part of	the <u>Insurance</u>	Co. Investment Contract	(ICC)	investment option.
	are approximate)			
Due Date Amount Due	Date Am	ount Due D	ate	Amount
01/02/02 \$28,000,000.00 /	<u>/</u>		\$_	
(Reinvestment from 4-6259, Schedule 3)	/\$		\$_	
(b) Periodic Deposits will be made as follows:				
(i) 100 % of Plan funds resulting The approximate amount expected t			other plan ir	ivestments.
(ii) Deposits must total at least \$60,000 Deposits may not total more than \$	000.00			
		on <u>12/31/200</u>)2	, the difference wi
		on <u>12/31/2002</u>	, the exc	ess will be refunde
(v) We will continue to accept Deposits total \$	until the earlier of	, or the c	late	Deposits

Each single or periodic Deposit, of at least the minimum specified, must be received by its due date or within its Grace Period or this Arrangement may be changed or cancelled. SEE ARTICLE II, SECTION 1, OF THIS CONTRACT.

Revised 07/18/02

5.	Expenses	Contract No. 4-6259 Schedule 8
	(a) Expenses	s applicable to this Deposit Arrangement may be paid in one of the following ways:
		As a deduction from the effective annual Guaranteed Interest Rate for this Deposit Arrangement. The reduction equals05%.
	(ii)	In a single sum on or before the due date of the first Deposit. This single sum equals \$
	(iii)	In installments equal to % of the fund, to be billed monthly quarterly annua
	from the perc charge on a of the contra-	the minimum annual charge for expenses under the Contract will be the greater of the amount determine centage shown above, if applicable or \$\frac{\text{N/A}}{\text{N/A}}\$. This amount supersedes the minimum annual prior Schedules. If (ii) or (iii) is chosen and expenses are not paid when due, see Article III, Section ct. all expense charges are those charges we make for services you ask us to do which are not covered by (a)
		as provided for in Article III, Section 1, of the contract. For this Deposit Arrangement these expenses are:
		A check charge of \$ for each check drawn to an individual Member.
	(ii)	A transaction charge of \$for each transaction (deposit, withdrawal, etc.) requested in excess of
	(iii)	Other (specify):
6.	Reports	
		e value of the fund will be made 🛛 monthly 🗌 quarterly 📋 semiannually 🔲
	·	
7.	Interest Credi	
		ed to this Deposit Arrangement will be: pounded daily from the date we accept each Deposit hereunder until the date of payment under Items 8, 10, 1
		below.
	(b) Comp desig	pounded daily from the date we accept each Deposit hereunder and paid to you or to the Funding Agent you need to be semi-annually annually annually no many on the funding Agent you not be semi-annually annually no many on the funding Agent you not be semi-annually annually not be semi-annually annually not be semi-annually annually not be semi-annually not be semi-annually annually not be semi-annually no
8.		f a Guaranteed Interest Fund
		eed Interest Fund will be paid on Termination of Plan as provided in Article II, Section 3, Subsection 1. Disposition teed Interest Fund other than at Termination of Plan will be as follows:
	☐ (a) In a s ☑ (b) By pa	single sum at the end of the Guarantee Period. Payment will be made the day after the Guarantee Period encayment of installments in the following amounts or percentages on the dates shown: fund balance to be paid on December 31, 2006.
		maining fund balance to be paid on December 31, 2007.
		emaining fund balance to be paid on December 31, 2008.
	If a percentag	e of the fund is shown above, the amount of that installment will be determined by us as of the date of payment the value of the fund on that date by the indicated percentage.
	Each payment	It may be paid to you (if you are a trustee under the Plan), used to purchase annuities for Members, used to Deposit Arrangement under this contract, or transferred to another Funding Agent. Before the date of payment, vide Notification to us stating which alternative is desired.

Member Payments 9. Method of Payment	Contract No	4-6259		Schedule	8		
Payment will be made from the			ne of the meth	ods listed below. See	e Article IV, Section	11.	
-	Yes	s No		4. Net Pro Rata Me		res	No
1. Last In, First Out (LIFO)				5. Class Year Meth			
2. LIFO/Pro Rata Method.				5. Class real Metri	ou	🖰	
3. Pro Rata Method		\boxtimes				d - a falle	
Payment will use the					method modifie	a as ronc	WS.
							_
			<u> </u>				—
							_
							_
10. Payments For Members D	Juring A Deposit Arr	angement					
Are payments allowed for Mer			nt? 🛛 Yes	i □ No			_
If yes, payment will be allow	ed from the Guarant	eed Interest	Fund for the e		. Such payments	will be m	ade
without a Surrender Charge.	ca nom mo odaram						
A D. W. DY LIVE Delication	Tarmination of E	molovmont	Yes No ⊠ □				
Death, Disability, Retiren Loan							
Hardship Withdrawal							
In-Service Withdrawal							
5. Other, if yes, describe			\boxtimes	Pre 01/01/89 accum	ulations and rollove	<u> </u>	
accumulations – anytime.							
							_
All payments under this I	tem 10 are subject	to the limit	ations conta	ained in Item 13 of	this Schedule.		
11. Transfers to Plan Investm							
Are transfers allowed?							
If yes, transfers will be perm	sitted to the Plan Inve	stment Funds	indicated belo	ow. Such transfers w	ill be made without	a Surrer	ndei
Charge.	litted to the Half three	Suricine i direc	, moroatou zon				
		Yes No		Other funds as n		Yes	_
1. Equity Fund			7. Bond F				×
2. Balanced Fund	***************************************		6. <u>Saving</u> : 9. Multi-A	s Fund sset Fund			
Employer Stock Fund Long Term Bond Fund	***************************************		10. Calvert	Social Investment Fun	d Balanced Portfolio	<u> </u>	
5. Intermediate Term Bond F	und		11. Fidelity	Investments		_ ⊠	Ļ
6. Money Market Fund	******		12			니	L
	☐ annually ☐ se		•	ly 🛚 other month!			
subject to the following limitat	ions: <u>Direct transfers</u>	to competing	funds are not	allowed. Simultaneou	is fund transfers are	e not	_
Transfers will be paid out	of Guaranteed Intere	st Funds as	shown in Iten	n 9 of this Schedule	. All transfers wi	II be sub	jec
to the limitations contained	in Item 13 of this Sc	hedule.					

Page 3

12. Other Payments from the Guaranteed Interest Fund Contra	oct No. <u>4-6259</u> Schedule 8					
(a) In addition to the payments permitted by Items 10 and 11 of this Schedule, the following payments are permitted from the Guaranteed Interest Fund. No Surrender Charge (Article VI, Section 1) will be taken, but such payments or transfers will be subject to the limitations of Item 13 of this Schedule.						
(b) No payments will be permitted under this item 12.						
13. Limitations on Payments and Transfers from the Guaranteed Interest Fund						
Payments and transfers requested under Items 10, 11, and 12(a) in any twelve-month period will be limited to% of the value of the fund under this Schedule at the beginning of this twelve-month period, plus the same percentage of the interest earned to the date of payment or transfer.						
Notations (by us)						
.*!						
For the Contractholder:	For Principal Life Insurance Company:					
Name Melon. Starton Title assistant Treasurer	Name					
Title assistant Treasurer	Title					