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SCHEDULE B	Actuarial Information	Official Use Only					
(Form 5500)	This schedule is required to be filed under section 104	OMB No. 1210-0110					
Department of the Treasury Internal Revenue Service Department of Labor	Retirement Income Security Act of 1974, referred to as El attached to Form 5500-EZ and, in all cases, under secti Internal Revenue Code, referred to as the C	2002					
Pension and Welfare Benefits Administration	Attach to Form 5500 or 5500-EZ if application	This Form is Open to Public Inspection (except when					
Pension Benefit Guaranty Corporation	See separate instructions.	attached to Form 5500-EZ).					
For calendar plan year 2002 or fiscal plan year beginning	MM / DD / YYYYY and er	nding					
 Round off amounts to near Caution: A penalty of \$1,000 A Name of plan 	est dollar. will be assessed for late filing of this report unless rea	B Three-dig plan num	jit ber ▶				
C Plan sponsor's name as shown	on line 2a of Form 5500 or 5500-EZ	D Employe	r Identification Number				
E Type of plan: (1) Single-employer	(2) Multiemployer (3) Multiple-employer		00 or fewer participants prior plan year				
Part I Basic Information	(To be completed by all plans)						
 1a Enter the actuarial valuation da b Assets: (1) Current value of assets 							
(2) Actuarial value of assets f	or funding standard account						
To the best of my knowledge, the inform and in my opinion each assumption, used a multiemployer plan, each assumption u result in a total contribution equivalent to the	See instructions before signing): nation supplied in this schedule and on the accompanying schedules, s in combination, represents my best estimate of anticipated experience sed (a) is reasonable (taking into account the experience of the plan at which would be determined if each such assumption were reasonab into account the experience of the plan and reasonable expectations).	under the plan. Furtherr and reasonable expecta le; in the case of a multie	nore, in the case of a plan other than tions) or (b) would in the aggregate				
SIGN HERE							
Type or print	Di	ate					

G	Most recent		Telephone nun (including area	State nber	
	enrollment number		(including prop	codo)	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

For Paperwork Reduction Act Notice and OMB Control Nos., see the inst. for Form 5500 or 5500-EZ. Cat. No. 13507E Schedule B (Form 5500) 2002



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Accrued liability for plans using immediate gain methods		
Information for plans using spread gain methods:		
(a) Unfunded liability for methods with bases		
(b) Accrued liability under entry age normal method		
(c) Normal cost under entry age normal method		
rmation on current liabilities of the plan:		
Amount excluded from current liability attributable to		
(b) Expected increase in current liability due to benefits accruing during the plan year		
(c) Current liability computed at highest allowable		
	e plan year	
(b) Expected increase in current liability due to benefits		
(c) Expected release from "OBRA '87" current liability for t	he plan year	
Expected plan disbursements for the plan year		
(1) No. of Persons (2) Vested Bene	efits (3) Total Benefits
For retired participants and beneficiaries receiving payments	3	
For terminated vested participants		
For active participants		
Total		
	Accrued liability for plans using immediate gain methods: Information for plans using spread gain methods: (a) Unfunded liability for methods with bases (b) Accrued liability under entry age normal method (c) Normal cost under entry age normal method (c) Normal cost under entry age normal method (a) Unfunded from current liability attributable to pre-participation service (see instructions) "RPA '94" information: (a) Current liability (b) Expected increase in current liability due to benefits accruing during the plan year (c) Current liability computed at highest allowable interest rate (see instructions) (c) Current liability (d) Expected release from "RPA '94" current liability for the "OBRA '87" information: (a) Current liability (b) Expected release from "OBRA '87" current liability for the "OBRA '87" information: (c) Expected release from "OBRA '87" current liability for the "erational information as of beginning of this plan year: rent value of the assets (see instructions) "A' '94" current liability: (1) No. of Persons (2) Vested Bend	Accrued liability for plans using immediate gain methods

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c If the percentage resulting from dividing line 2a by line 2b(4), column (3), is less than 70%, enter such percentage



3	Cont a) Mo				de to	o the	plan for	the pl	an yea (b) An	ar by e nount p	mploye baid by	er(s) ai / empl	nd em over	oloyee	s:		(c) A	mount	paid	cial Use On Ioyees	ıly
IM/	D		Y																		
Totals	S																				
Plans	other 4a is	thar	n mu	ltiem	plo	/er p		er fun	ded cu nd com	nplete	the foll all as o	lowing	amou of Qu	nt field	s as a	year (se oplicable lan year		uctions	3)		I
2) 2n				-								00		4th							
Actua	rial co Attai						e basis t b)			year's e norm			dard a (c)			utation: d benefi	t (unit c	credit)	(d)	Aggre	gate
	Froz	en in	itial	liabi	lity		(f)	Ind	dividua	al level	premi	um ((g)		Individ	ual aggre	egate		(h)	Other	(spec

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i	Has a change been made in funding method for t	his plan year?				Yes		No	
j	If line i is "Yes," was the change made pursuant t	o Revenue Proce	edure 2000-40'	?		Yes		No	
k	If line i is "Yes," and line j is "No" enter the date o (individual or class) approving the change in fund					ММ			
	Checklist of certain actuarial assumptions:								N/A
I	Interest rates for: (1) "RPA '94" current liability								
	(2) "OBRA '87" current liability								
	Weighted average retirement age								
;	Rates specified in insurance or annuity contracts	Yes	Pre-retireme No	nt	N/A	Yes	Post-retiremen No	t	N/A
ł	Mortality table code for valuation purposes: (1) Males								
	(2) Females				N/A				N/A
	Valuation liability interest rate								
	Expense loading								
1	Annual withdrawal rates:		Male				Female		
	(1) Age 25	Code				Code			
	(2) Age 40	Rate C				Rate C			
	(3) Age 55	- LII			N/A				N/A
	Salary scale								
i	Estimated investment return on actuarial value of assets for the year ending on the valuation date								
	New amortization bases established in the curren (1) Type of Base (2) Initial Balance	t plan year:			(3) Amo	ortization Charge/0	Credit		



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а	 8 Miscellaneous information: If a waiver of a funding deficiency or an extension of an amortization period has been 			
•	approved for this plan year, enter the date of the ruling letter granting the approval			
b	If one or more alternative methods or rules (as listed in the instructions) were used for this plan year, enter the appropriate code in accordance with the instructions	•		
C	Is the plan required to provide a Schedule of Active Participant Data? (see instructions) If "Yes," attach schedule.	Yes		No
9	Funding standard account statement for this plan year: Charges to funding standard account:			
а	Prior year funding deficiency, if any			
h	Employer's normal cost for plan year as of valuation date			
	Amortization charges as of valuation date: Outstanding Balance			
	(1) All bases except funding waivers ►			
	(2) Funding waivers ► (S			
d	Interest as applicable on line 9a, 9b, and 9c			
е	Additional interest charge due to late quarterly contributions, if applicable			
f	Adjusted additional funding charge from Part II, line 12q, if applicable N/A			
g	Total charges. Add lines 9a through 9f			
h	Credits to funding standard account: Prior year credit balance, if any			
i	Employer contributions. Total from column (b) of line 3 Outstanding Balance			
j	Amortization credits as of valuation date			
k	Interest as applicable to end of plan year on lines 9h, 9i, and 9j			
	Full funding limitation (FFL) and credits (1) ERISA FFL (accrued liability FFL)			
	(2) "OBRA '87" FFL (165% current liability FFL)			
	(3) "RPA '94" override (90% current liability FFL).			
	(4) FFL credit before reflecting "OBRA '87" FFL			
	(5) Additional credit due to "OBRA '87" FFL			
m	(1) Waived funding deficiency			
	(2) Other credits			
n	Total credits. Add lines 9h through 9k, 9l(4), 9l(5), 9m(1), and 9m(2)			



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	Credit balance: If line 9n is greater than line 9g, enter the difference Funding deficiency: If line 9g is greater than line 9n, enter the difference Reconciliation account:	
q	 Current year's accumulated reconciliation account: (1) Due to additional funding charges as of the beginning of the plan year (2) Due to additional interest charges as of the beginning of the plan year 	
	 (3) Due to waived funding deficiencies: (a) Reconciliation outstanding balance as of valuation date	
10	 (4) Total as of valuation date Contribution necessary to avoid an accumulated funding deficiency. 	
	Enter the amount in line 9p or the amount required under the alternative funding standard account if applicable	
	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions.	Yes No
Pa Plea 12	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a is at least 80% (but less than 90%), see instructions and, if applicable,	Yes No
Plea 12 a	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b.	Yes No
Pa Plea 12 a b	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a is at least 80% (but less than 90%), see instructions and, if applicable, go to line 12q and enter -0 Otherwise, go to line 12b	Yes No
Plea Plea 12 a b c d	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a is at least 80% (but less than 90%), see instructions and, if applicable, go to line 12q and enter -0 Otherwise, go to line 12b "RPA '94" current liability. Enter line 1d(2)(a) Funded current liability percentage. Divide line 12c by 12b and multiply by 100	Yes No
Plea Plea 12 a b c d e	 Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a is at least 80% (but less than 90%), see instructions and, if applicable, go to line 12q and enter -0 Otherwise, go to line 12b "RPA '94" current liability. Enter line 1d(2)(a) Adjusted value of assets (see instructions) 	Yes No
Plea Plea 12 a b c d d e f g	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a is at least 80% (but less than 90%), see instructions and, if applicable, go to line 12q and enter -0 Otherwise, go to line 12b "RPA '94" current liability. Enter line 1d(2)(a) Adjusted value of assets (see instructions) Funded current liability percentage. Divide line 12c by 12b and multiply by 100 Unfunded current liability. Subtract line 12c from line 12b Liability attributable to any unpredictable contingent event benefit Outstanding balance of unfunded old liability	Yes No
Plea 12 a b c d e f g h	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a and enter -0 Otherwise, go to line 12b "RPA '94" current liability. Enter line 1d(2)(a) Adjusted value of assets (see instructions) Funded current liability percentage. Divide line 12c by 12b and multiply by 100 Liability attributable to any unpredictable contingent event benefit Cutstanding balance of unfunded old liability Unfunded new liability. Subtract the total of lines 12f and 12g from line 12e. Enter -0- if negative	Yes No
Plea Plea 12 a b c d e f f g h i	Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions. Additional Information for Certain Plans Other Than Multiemployer Plans ase see Who Must File in the Schedule B instructions to determine if you must complete Part II. Additional required funding charge (see instructions): Enter "Gateway %." Divide line 1b(2) by line 1d(2)(c) and multiply by 100. If line 12a is at least 90%, go to line 12q and enter -0 If line 12a is less than 80%, go to line 12b. If line 12a is at least 80% (but less than 90%), see instructions and, if applicable, go to line 12q and enter -0 Otherwise, go to line 12b "RPA '94" current liability. Enter line 1d(2)(a) Adjusted value of assets (see instructions) Funded current liability percentage. Divide line 12c by 12b and multiply by 100 Liability attributable to any unpredictable contingent event benefit Outstanding balance of unfunded old liability Unfunded new liability. Subtract the total of lines 12f and 12g from line 12e.	Yes No



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	t charges in funding standard account used to offset the deficit reduction ntribution. Enter a negative number if less than zero		
m Un <i>(1)</i>	predictable contingent event amount: Benefits paid during year attributable to unpredictable contingent event		
(2)	Unfunded current liability percentage. Subtract the percentage on line 12d from 100%	%	
(3)	Enter the product of lines 12m(1) and 12m(2)		
(4)	Amortization of all unpredictable contingent event liabilities		
(5)	"RPA '94" additional amount (see instructions)		
(6)	Enter the greatest of lines 12m(3), 12m(4), or 12m(5)		
	eliminary additional funding charge: Enter the excess of line 12k over e 12l (if any), plus line 12m(6), adjusted to end of year with interest		
	ntributions needed to increase current liability percentage to 100% ee instructions)		
-	ditional funding charge prior to adjustment: Enter the lesser of e 12n or 12o		
q Ad	ljusted additional funding charge. (0 % of line 12p)		

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