

**REPORT ON THE ACTUARIAL VALUATION
OF THE
NORTH CAROLINA NATIONAL GUARD PENSION FUND
PREPARED AS OF DECEMBER 31, 2009**

December 16, 2010

State Treasurer Janet Cowell
Department of State Treasurer
State of North Carolina
325 North Salisbury Street
Raleigh, NC 27603-1385

Dear Treasurer Cowell:

Chapter 127A of the General Statutes of North Carolina, which governs the operation of the North Carolina National Guard Pension Fund, requires that the actuary make an annual valuation of the assets and liabilities of the Fund.

An actuarial valuation of the Fund, prepared as of December 31, 2009, has now been completed and the results are presented in this report, together with our recommendations regarding contributions payable by the State.

An investigation of the demographic assumptions for the Local Governmental Employees' Retirement System (LGERS) was made during 2010. This valuation includes the same change to the assumed rates of mortality as applicable to general employees of LGERS, as approved by the LGERS Board of Trustees as a result of this investigation.

An audit of the "Report on the Actuarial Valuation of the North Carolina National Guard Pension Fund prepared as of December 31, 2007" was completed during 2010. Buck reviewed the findings of the audit report with the Retirement Systems Division and agreed to make certain changes to the valuation report. These changes have been included in this valuation.

The valuation has been prepared in accordance with the parameters set forth in Statement Nos. 25 and 27 of the Governmental Accounting Standards Board. The annual required contribution (ARC) of the employer under GASB for the 2011/2012 fiscal year is \$7,270,253, which will liquidate the unfunded accrued liability over a nine-year period.

The plan sponsor selected the assumptions used for the results in this report. I believe that these assumptions are reasonable and comply with the requirements of GASB Nos. 25 and 27. I prepared this report in accordance with the requirements of these standards.

I am an Enrolled Actuary, a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries. I meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained in this report. This report has been prepared in accordance with all applicable Actuarial Standards of Practice, and I am available to answer questions about it.

The Table of Contents, which immediately follows, outlines the material contained in this report.

Respectfully submitted,



Richard A. Mackesey, FSA, EA, MAAA
Principal, Consulting Actuary

RAM:km
\\NC\\VAL\\2009\\NATIONALGUARD.DOC

14911 Quorum Drive, Suite 200 • Dallas, TX 75254-7534
972.628.6800 • 972.628.6801 (fax)

TABLE OF CONTENTS

<u>Section</u>	<u>Item</u>	<u>Page Number</u>
I	Summary of Principal Results	1
II	Membership Data	2
III	Valuation Balance Sheet	3
IV	Asset Allocation	4
V	Comments on Experience and Gains	5
VI	Contributions Payable by the State	5
VII	Accounting Information	6
 <u>Schedule</u>		
A	Development of Actuarial Value of Assets	9
B	Schedule of Amortization Payments	10
C	Outline of Actuarial Assumptions and Methods	11
D	Summary of Main Benefit and Contribution Provisions	13
E	Detailed Tabulations of the Data	14

**REPORT ON THE ANNUAL VALUATION OF THE
NORTH CAROLINA NATIONAL GUARD PENSION FUND
PREPARED AS OF DECEMBER 31, 2009**

SECTION I - SUMMARY OF PRINCIPAL RESULTS

1. This report, prepared as of December 31, 2009, presents the results of the actuarial valuation of the Fund. For convenience of reference, the principal results of the valuation and a comparison with the preceding year's results are summarized below.

**TABLE I
SUMMARY OF PRINCIPAL RESULTS**

VALUATION DATE	12/31/2009	12/31/2008
Number of active members included in valuation	6,203	5,586
Retired membership		
Number	3,677	3,415
Annual pensions	\$ 6,361,534	\$ 6,015,632
Former members entitled to deferred vested benefits		
Number	4,625	4,513
Deferred pensions	\$ 6,772,512	\$ 6,551,808
Assets		
Market related actuarial value	\$ 81,371,110	\$ 78,066,679
Market value	73,539,666	64,649,976
Unfunded accrued liability	\$ 40,483,684	\$ 34,679,840
CONTRIBUTIONS FOR FISCAL YEAR ENDING	June 30, 2012	June 30, 2011
<u>Recommended Employer Contributions</u>		
Normal	\$ 535,133	\$ 525,307
Accrued Liability	6,735,120	5,193,925
Total	\$ 7,270,253	\$ 5,719,232
Anticipated accrued liability payment period	9 years	9 years
<u>GASB 25/27</u>		
Annual required contribution (ARC) of employer		
Normal	\$ 535,133	\$ 525,307
Accrued Liability	6,735,120	5,193,925
Total	\$ 7,270,253	\$ 5,719,232
Liquidation period	9 years	9 years

2. The following table shows a reconciliation of the change in the annual required contribution computed to be \$5,719,232 based on the December 31, 2008 valuation and \$7,270,253 based on the December 31, 2009 valuation.

TABLE II
RECONCILIATION OF CHANGE IN ANNUAL REQUIRED CONTRIBUTION

Prior Year's Preliminary ARC (based on 12/31/08 valuation)	\$ 5,719,232
Impact of Legislative Changes	<u>0</u>
Prior Year's Final ARC	\$ 5,719,232
Impact of Resetting Amortization Period to 9 Years	(427,092)
Change Due to Demographic Gain/Loss	659,361
Change Due to Investment Gain/Loss	293,224
Change Due to Contributions Greater Than ARC	(26,764)
Assumption Changes and Method Changes	<u>1,052,292</u>
Current Year's Preliminary ARC (based on 12/31/09 valuation)	\$ 7,270,253

3. Tables summarizing the membership of the Fund as of the valuation date are shown in Section II.
4. The valuation balance sheet showing the assets and liabilities of the Fund as of the current and previous valuation dates is provided in Section III.
5. An allocation of investments by category is shown in Section IV.
6. Comments on the experience and actuarial gains during the valuation year are provided in Section V.
7. Comments on the contributions payable by the State are provided in Section VI.
8. Accounting information to be disclosed in the financial statements of the System and the employer is provided in Section VII.
9. Schedule A of this report presents the development of the actuarial value of assets.
10. Schedule B of this report presents the development of the amortization of the unfunded accrued liability.
11. Schedule C of this report outlines the full set of actuarial assumptions and methods employed.
12. Schedule D gives a summary of the benefit and contribution provisions of the system.
13. Schedule E provides detailed tabulations of the membership of the system as of the valuation date.

SECTION II - MEMBERSHIP DATA

Data regarding the membership of the Fund for use as a basis for the valuation were furnished by the Retirement Systems Division. The following table summarizes the membership of the Fund as of December 31, 2009 upon which the valuation was based. Detailed tabulations of the data are given in Schedule E.

TABLE III
MEMBERSHIP OF THE FUND AS OF DECEMBER 31, 2009

GROUP	NUMBER	AVERAGE AGE	AVERAGE SERVICE	ANNUAL PENSIONS
Active Members	6,203	37.9	16.2	N/A
Retired Members, currently payable	3,677	68.7	N/A	\$ 6,361,534
Terminated Members, deferred pensions	4,625	55.1	N/A	\$ 6,772,512

SECTION III - VALUATION BALANCE SHEET

The following valuation balance sheet shows the assets and liabilities of the Retirement Fund as of the current valuation date of December 31, 2009. Schedule A summarizes the development of the actuarial value of assets.

TABLE IV
VALUATION BALANCE SHEET
SHOWING THE PRESENT AND PROSPECTIVE ASSETS AND LIABILITIES OF
THE NORTH CAROLINA NATIONAL GUARD PENSION FUND
PREPARED AS OF DECEMBER 31, 2009

ASSETS	
Present Assets	\$ 81,371,110
Present value of prospective contributions payable by State	
Normal contribution	\$ 2,550,427
Accrued liability contribution	<u>40,483,684</u>
Total prospective contributions by state	<u>43,034,111</u>
Total Assets	<u>\$ 124,405,221</u>
LIABILITIES	
Present value of pensions payable to retired members	\$ 51,906,791
Present value of deferred pensions payable to former members	47,370,051
Present value of prospective pensions to active members included in the valuation	25,128,379
Reserve for increases in retirement allowances	<u>0</u>
Total Liabilities	<u>\$ 124,405,221</u>

The valuation balance sheet shows that the total present value of the prospective benefit payments as of December 31, 2009 amounts to \$124,405,221. Of this amount, \$51,906,791 represents the present value of future pension payments to current retired members, \$25,128,379 represents the present value of prospective pensions which will become payable to present active members and \$47,370,051 represents the present value of future pension payments to former members. Against these liabilities, the Fund has assets of \$81,371,110 leaving a balance of \$43,034,111 to be provided by future contributions of the State. Of this amount, \$2,550,427 represents the present value of prospective normal contributions, and the balance of \$40,483,684 represents the present value of accrued liability contributions.

SECTION IV – ASSET ALLOCATION

The following table shows an allocation of investments by category as of December 31, 2009.

TABLE V

**ALLOCATION OF INVESTMENTS BY CATEGORY
FOR THE NATIONAL GUARD PENSION FUND
AS OF DECEMBER 31, 2009**

Cash and Receivables	1.6%
Fixed Income (LTIF)	37.6
Public Equity	49.9
Other*	<u>10.9</u>
Total	100.0%

* Real Estate, Alternatives, Inflation and Credit.

SECTION V - COMMENTS ON EXPERIENCE AND GAINS

The following table shows a detailed reconciliation of the change in unfunded accrued liability since the prior valuation.

TABLE VI

RECONCILIATION OF CHANGE IN UNFUNDED ACCRUED LIABILITY SINCE THE PRIOR VALUATION (IN MILLIONS)

Unfunded accrued liability as of 12/31/08	\$ 34.7
Normal cost during 2009	0.5
Reduction due to actual contributions during 2009	(5.9)
Interest on unfunded accrued liability, normal cost and contributions	2.3
Asset (gain)/loss	2.0
Accrued liability (gain)/loss	4.4
Change in economic, demographic and other assumptions	<u>2.5</u>
Unfunded accrued liability as of 12/31/09	\$ 40.5

SECTION VI - CONTRIBUTIONS PAYABLE BY THE STATE

The normal contribution covers the cost of benefits based on current service. The valuation indicates that the annual normal contribution payable by the State is equal to \$86.27 multiplied by the number of active members. Based on 6,203 active members included in the valuation, the normal contribution is \$535,133.

The unfunded actuarial accrued liability is amortized over a nine-year period through an annual unfunded accrued liability contribution. Assuming that the unfunded accrued liability is amortized in level payments over a nine-year period, with the payments covering both the principal amount and the accruing interest thereon at the rate of 7.25% per annum, the annual unfunded actuarial accrued liability contribution would be \$6,735,120.

Based on the present membership, the following table shows the total annual contributions payable by the State on a nine-year funding basis.

TABLE VII
ANNUAL CONTRIBUTIONS PAYABLE BY THE STATE

CONTRIBUTION	ANNUAL AMOUNT
Normal	\$ 535,133
Accrued Liability	<u>6,735,120</u>
Total	\$ 7,270,253

SECTION VII - ACCOUNTING INFORMATION

- Statement Nos. 25 and 27 of the Governmental Accounting Standards Board (GASB) set forth certain items of required supplementary information to be disclosed in the financial statements of the Fund and the employer. One such item is a distribution of the number of employees by type of membership, as follows:

**NUMBER OF ACTIVE AND RETIRED PARTICIPANTS
AS OF DECEMBER 31, 2009**

GROUP	NUMBER
Retired participants and beneficiaries currently receiving benefits	3,677
Terminated participants and beneficiaries entitled to benefits but not yet receiving benefits	4,625
Active participants	<u>6,203</u>
Total	14,505

- Another such item is the schedule of funding progress as shown below.

SCHEDULE OF FUNDING PROGRESS

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) Entry Age (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a / b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b - a) / c)
12/31/2004	\$54,069,315	\$93,388,777	\$39,319,462	57.9%	N/A	N/A
12/31/2005	59,203,885	81,802,989	22,599,104	72.4	N/A	N/A
12/31/2006	66,898,150	105,017,423	38,119,273	63.7	N/A	N/A
12/31/2007	74,794,091	109,431,445	34,637,354	68.3	N/A	N/A
12/31/2008	78,066,679	112,746,519	34,679,840	69.2	N/A	N/A
12/31/2009	81,371,110	121,854,794	40,483,684	66.8	N/A	N/A

3. Following is a reconciliation of the preliminary employer annual required contribution to the final employer annual required contribution for fiscal year ending June 30, 2010.

	Fiscal Year Ending June 30, 2010
Preliminary Annual Required Contribution	
Normal	\$ 493,976
Accrued Liability	<u>5,187,562</u>
Total	\$ 5,681,538
Impact of Legislative Changes	<u>0</u>
Final Annual Required Contribution	\$ 5,681,538

4. Following is the calculation of the annual pension cost and net pension obligation for the fiscal year ending June 30, 2010.

Annual Pension Cost and Net Pension Obligation for Fiscal Year Ending 6/30/2010

(a) Employer annual required contribution	\$ 5,681,538
(b) Interest on net pension obligation	(32,199)
(c) Adjustment to annual required contribution	<u>66,515</u>
(d) Annual pension cost: (a) + (b) + (c)	\$ 5,715,854
(e) Employer contributions made for fiscal year ending 6/30/2010	<u>7,007,443</u>
(f) Increase (decrease) in net pension obligation: (d) – (e)	\$ (1,291,589)
(g) Net pension obligation beginning of fiscal year	<u>(444,118)</u>
(h) Net pension obligation end of fiscal year: (f) + (g)	\$ (1,735,707)

TREND INFORMATION

<u>Year Ending</u>	<u>Annual Pension Cost (APC)</u>	<u>Percentage of APC Contributed</u>	<u>Net Pension Obligation</u>
June 30, 2008	\$6,239,611	112%	\$(867,512)
June 30, 2009	6,315,187	93	(444,118)
June 30, 2010	5,715,854	123	(1,735,707)

5. The annual required contribution (ARC) of the employer, determined in accordance with the parameters of GASB 25/27, is shown below. The accrued liability rate is based on amortization of the unfunded actuarial accrued liability of \$40,483,684 over a nine-year period from July 1, 2011.

**2011/2012 FISCAL YEAR
ANNUAL REQUIRED CONTRIBUTION (ARC)
BASED ON THE VALUATION AS OF DECEMBER 31, 2009**

ANNUAL REQUIRED CONTRIBUTION (ARC)	AMOUNT
Normal	\$ 535,133
Accrued liability	<u>6,735,120</u>
Total	\$ 7,270,253

6. Additional information as of December 31, 2009 follows:

Actuarial cost method	Entry Age
Amortization method	Level dollar closed
Amortization period	9 years
Asset valuation method	20% of market value plus 80% of expected actuarial value (not greater than 120% of market value and not less than 80% of market value)
Actuarial assumptions:	
Investment rate of return*	7.25%
Projected salary increases	N/A
* Includes inflation of	3.00%
Cost-of-living adjustments	N/A

SCHEDULE A**DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS
FOR THE YEAR ENDING DECEMBER 31, 2009**

1.	Actuarial Value of Assets as of December 31, 2008	\$ 78,066,679
2.	2009 Net Cash Flow	
a.	Contributions	5,891,793
b.	Disbursements	<u>6,275,428</u>
c.	Net Cash Flow: (a) - (b)	(383,635)
3.	Expected Investment Return: [(1) x .0725] + [(2)c x .03625]	5,645,927
4.	Expected Actuarial Value of Assets as of December 31, 2009: (1) + (2)c + (3)	83,328,971
5.	Market Value of Assets as of December 31, 2009	73,539,666
6.	Excess of Market Value over Expected Actuarial Value of Assets: (5) - (4)	(9,789,305)
7.	20% Adjustment towards Market Value: (6) x .20	(1,957,861)
8.	Preliminary Actuarial Value of Assets as of December 31, 2009: (4) + (7)	81,371,110
9.	Final Actuarial Value of Assets as of December 31, 2009 [(8) not less than 80% of (5) and not greater than 120% of (5)]	81,371,110
10.	Rate of investment return on actuarial value	4.74%
11.	Rate of investment return on market value	14.39%

SCHEDULE B**AMORTIZATION SCHEDULE FOR
UNFUNDED ACTUARIAL ACCRUED LIABILITY**

DATE ESTABLISHED	OUTSTANDING BALANCES		ANNUAL PAYMENT
	INCEPTION	DECEMBER 31, 2009	
December 31, 2009	\$ 40,483,684	<u>\$ 40,483,684</u>	<u>\$ 6,735,120</u>
Total		<u>\$ 40,483,684</u>	<u>\$ 6,735,120</u>

SCHEDULE C**OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS**

INTEREST RATE: 7.25% per annum, compounded annually.

SEPARATIONS FROM ACTIVE SERVICE: Representative values of the assumed annual rates of separation from active service are as follows:

ANNUAL RATES OF					
<u>Retirement</u>					
<u>Age</u>	<u>Under age 60 with 20 years of service</u>	<u>Age 60 with 20 years of service or 30 years of service</u>	<u>Base Mortality*</u>		<u>Disability**</u>
			<u>Male</u>	<u>Female</u>	
25	.500		.0004	.0002	.0001
30	.500		.0006	.0003	.0004
35	.500		.0009	.0005	.0010
40	.500		.0012	.0007	.0029
45	.500		.0017	.0011	.0049
50	.500		.0024	.0017	.0084
55	.500	1.000	.0036	.0025	.0144
60		1.000	.0059	.0039	.0240

* Base mortality rates as of December 31, 2003.

** Applied only to members with less than 20 years of service.

No rates of withdrawal are assumed since the valuation excludes all active members with less than 7 years of service.

DEATHS AFTER RETIREMENT: Representative values of the assumed post-retirement mortality rates as of December 31, 2003 prior to any mortality improvements are as follows:

ANNUAL RATES OF DEATH AFTER RETIREMENT						
<u>Age</u>	<u>Male Healthy Retirees</u>	<u>Female Healthy Retirees</u>	<u>Male Beneficiaries of Deceased Members</u>	<u>Female Beneficiaries of Deceased Members</u>	<u>Male Disabled Retirees</u>	<u>Female Disabled Retirees</u>
55	.0064	.0035	.0061	.0044	.0277	.0176
60	.0099	.0062	.0090	.0077	.0342	.0229
65	.0165	.0104	.0149	.0125	.0407	.0296
70	.0273	.0167	.0246	.0207	.0483	.0401
75	.0469	.0281	.0422	.0341	.0596	.0558
80	.0805	.0459	.0720	.0563	.0775	.0771

MORTALITY IMPROVEMENTS: Representative values of the assumed mortality improvement rates (applied to pre-retirement mortality rates for active members and post-retirement mortality rates for healthy retirees and beneficiaries of deceased members after such tables have been set back or set forward) are as follows:

<u>Age</u>	<u>Male Projection Scale</u>	<u>Female Projection Scale</u>
25	0.010	0.014
30	0.005	0.010
35	0.005	0.011
40	0.008	0.015
45	0.013	0.016
50	0.018	0.017
55	0.019	0.008
60	0.016	0.005
65	0.014	0.005
70	0.015	0.005
75	0.014	0.008
80	0.010	0.007

DEATHS AFTER RETIREMENT (NON-DISABLED): According to the RP-2000 Mortality tables for retirees. These tables are set forward two years for males and unadjusted for females. These tables are also set forward one year for male beneficiaries of deceased members and set forward two years for female beneficiaries of deceased members. The base retiree RP-2000 tables have no rates prior to age 50. The active employee rates of RP-2000 are used for ages less than 50 prior to any adjustments for setbacks.

DEATH AFTER DISABILITY: According to the RP-2000 Mortality tables for disabled annuitants set back six years for males and set forward one year for females.

DEATHS PRIOR TO RETIREMENT: According to the RP-2000 Mortality tables for active employees. These tables are set forward two years for males and unadjusted for females. The base RP-2000 tables for active employees have no rates after age 70. A blend of active rates and retired rates are used from ages 70 to 80 prior to any set back and adjustments.

MORTALITY PROJECTION (NON-DISABLED): All mortality rates are projected from December 31, 2003 using Scale AA.

TIMING OF ASSUMPTIONS: All deaths, disabilities and retirements are assumed to occur on July 1 of each year.

ADMINISTRATIVE EXPENSES: No provision made.

VALUATION METHOD: Entry age normal cost method. Entry age is established on an individual basis. Gains and losses are reflected in the unfunded actuarial accrued liability.

ASSET VALUATION METHOD: Actuarial value, as developed in Schedule A. The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected actuarial value of assets, based on the assumed valuation rate of return. The amount recognized each year is 20% of the difference between market value and expected actuarial value. The actuarial value of assets is not allowed to be greater than 120% of the market value of assets or less than 80% of the market value of assets.

SCHEDULE D**SUMMARY OF MAIN BENEFIT AND CONTRIBUTION PROVISIONS****MEMBERSHIP**

All members of the North Carolina National Guard with seven years of service are eligible to be members of the Fund.

BENEFITS**Service Retirement Pension****Condition for Pension**

A member who retires after he has attained age 60 and has credit for 20 years of military service, including at least 15 years of North Carolina national guard duty, both reserve and active, and who has received an honorable discharge, is entitled to a monthly pension.

Amount of Pension

The amount of the pension is equal to \$95 per month for 20 years' creditable service with an additional \$9.50 per month for each additional year of such service, provided that the total pension shall not exceed \$190 per month.

Deferred Early Retirement Pension**Condition for Pension**

A member whose service is terminated after he has credit for 20 years of military service, including at least 15 years of North Carolina national guard duty, both reserve and active, and who has received an honorable discharge, is eligible to receive a deferred retirement pension commencing at age 60.

Amount of Pension

The amount is the same as that for a service retirement.

Normal Form

Life Annuity.

Optional Form

None.

CONTRIBUTIONS

The State makes annual contributions sufficient to meet the cost of the benefits under the Fund.

SCHEDULE E**TABLE 1**

**THE NUMBER OF ACTIVE MEMBERS
DISTRIBUTED BY AGE AND SERVICE
AS OF DECEMBER 31, 2009**

AGE	YEARS OF SERVICE										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 25	0	0	89	0	0	0	0	0	0	0	89
25 to 29	0	0	819	358	0	0	0	0	0	0	1,177
30 to 34	0	0	231	647	162	0	0	0	0	0	1,040
35 to 39	0	0	119	336	571	222	0	0	0	0	1,248
40 to 44	0	0	64	184	332	524	114	0	0	0	1,218
45 to 49	0	0	12	89	146	255	289	58	0	0	849
50 to 54	0	0	1	18	61	76	108	112	12	0	388
55 to 59	0	0	0	4	12	25	35	35	57	10	178
60 to 64	0	0	0	1	1	3	1	2	3	5	16
65 to 69	0	0	0	0	0	0	0	0	0	0	0
70 & up	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1,335	1,637	1,285	1,105	547	207	72	15	6,203

SCHEDULE E**TABLE 2**

**THE NUMBER OF ACTIVE MEMBERS
DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2009**

Age	Number
23	17
24	72
25	170
26	228
27	266
28	275
29	238
30	243
31	207
32	200
33	190
34	200
35	211
36	230
37	246
38	269
39	292
40	277
41	248
42	248
43	238
44	207
45	225
46	177
47	156
48	158
49	133
50	102
51	86
52	79
53	64
54	57
55	50
56	32
57	27
58	30
59	39
60	14
62	1
63	1
Total	6,203

SCHEDULE E**TABLE 3**

**THE NUMBER OF ACTIVE MEMBERS
DISTRIBUTED BY SERVICE
AS OF DECEMBER 31, 2009**

Years of Service	Number
7	420
8	481
9	434
10	428
11	345
12	328
13	284
14	252
15	268
16	249
17	259
18	237
19	272
20	247
21	253
22	219
23	204
24	182
25	132
26	127
27	110
28	87
29	91
30	67
31	54
32	26
33	33
34	27
35	25
36	12
37	12
38	11
39	12
40	8
41	4
42	2
43	1
Total	6,203

SCHEDULE E**TABLE 4**

**THE NUMBER AND DEFERRED ANNUAL PENSIONS OF
TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2009**

Age	Number	Amount
35	1	\$ 1,140
38	3	3,420
39	14	16,302
40	27	31,692
41	40	47,538
42	62	75,354
43	82	103,740
44	105	136,686
45	139	184,680
46	171	225,492
47	215	300,162
48	195	270,864
49	197	273,714
50	216	300,048
51	182	250,572
52	185	262,086
53	198	286,596
54	174	260,148
55	185	268,926
56	190	288,078
57	222	333,450
58	302	455,544
59	302	473,784
60	270	424,764
61	125	185,934
62	119	175,788
63	109	166,440
64	81	123,120
65	91	138,510
66	52	80,142
67	63	101,802
68	45	69,312
69	39	64,182
70	30	50,160
71	26	41,610
72	17	25,422
73	26	43,890
74	20	37,962
75	18	30,894
76	9	17,328
77	17	31,692
78	19	36,822
79	18	33,174
80	17	28,842
81	4	9,120
82	2	3,306
83	1	2,280
Total	4,625	\$ 6,772,512

SCHEDULE E

TABLE 5

**THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF
RETIRED MEMBERS DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2009**

Age	Number	Amount
49	1	\$ 1,140
51	2	3,192
60	121	200,632
61	335	545,946
62	337	549,366
63	345	557,118
64	239	404,814
65	224	372,210
66	217	368,106
67	198	339,492
68	144	232,788
69	104	180,234
70	126	223,440
71	138	246,810
72	115	206,568
73	125	229,368
74	100	183,198
75	109	209,418
76	90	170,544
77	87	158,574
78	85	151,848
79	86	164,844
80	79	139,194
81	80	146,262
82	41	80,028
83	30	60,762
84	22	46,968
85	13	24,282
86	15	31,008
87	12	22,686
88	14	25,422
89	14	27,816
90	6	9,804
91	6	12,198
92	5	11,172
93	4	7,866
94	1	2,052
95	2	3,420
96	1	1,938
97	1	2,280
101	1	2,166
104	1	2,280
105	1	2,280
Total	3,677	\$ 6,361,534