Principal Life

September 12. 2007
Personal \& Confidential
Don Ray
City of Jonesboro, Arkansas
515 West Washington
P.O. Box 1845

Jonesboro. AR 72401-2782

## RE Retirement Plan for Employees of City of Jonesboro. Arkansas Annuity Contract No: 4-49993

Dear Don
1 have enclosed your January 1, 2007 Actuarial Valuation Report. This report provides information you need to determine your pension plan contribution.

Please make checks payable to Principal Life Insurance Company. Be sure to note the 2007 plan year on the check stub or correspondence included with each deposit.

I have also enclosed your GASB 25 Financial Accounting Disclosure Report for the year ending December 31, 2006. This report provides the disclosure information needed to comply with the Governmental Accounting Standards Board Statement 25 and 40 . You may also wisly to forward a copy of this report to your accountant or auditor.

If you decide to modify any numbers shown in this report, please let me know. This allows us to provide accurate information next year.

If you have any questions about these reports, please contact me at the number below.
Thank you.
Sincerely
Donna Day
Assistant Pension Actuarial Analyst
Retirement Actuarial Services
Phone (515) 247-5886
Fax (515) 248-0455
Enclosures

[^0]
## Deposit Overview

## Retirement Plan for Employees of City of Jonesboro, Arkansas 4-49993

Plan Year Beginning 01/01/2007

This overview is a summary of deposit information shown in your actuarial valuation report. It will help you determine your current year contribution to your retirement plan. You may deposit any amount in excess of your annual required contribution. Refer to your actuarial valuation report, Section III-Deposit Information, for this calculation.

| Annual |
| :--- |
| Required |
| Contribution |


| Your annual required contribution is $\$ 512,673$. This is the amount needed to keep |
| :--- |
| your plan currently funded. |
| Decesits |$\quad$ We have not received any deposits for the 2007 plan year as of $08 / 27 / 2007$.

Additional For additional information, please see the 2007 actuarial valuation report.
Information Information

# Retirement Plan for Employees of City of Jonesboro, Arkansas 4-49993 

# Actuarial Valuation Report 

For the plan year January 1, 2007 through
December 31, 2007


WE'LL GIVE. YOU AN EDGE*

| Section I | Introduction |
| :--- | :--- |
| Section II | Summary of Actuarial Results |
| Section III | Deposit Information <br> Normal Cost and Deposit Levels |
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| Section V | Development of Deposit Information <br> Development of Normal Cost <br> Schedule of Amortization Bases <br> Unfunded Actuarial Accrued Liability |
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| Section VIII | Summary of Plan Provisions |
| Section IX | Accounting Disclosure Information for SFAS 35 |
|  | Accounting Disclosure Information for SGAS 27 |

This actuarial valuation report is for your defined benefit retirement plan. It gives you the amounts needed to fund the benefits described in your plan document. This report is based on employec data and other information you provide us.

Amounts in this report are not what you need for your financial statements. Upon request, we will prepare another report for your accounting disclosure.

## Funding Method

Defined benefit plans, as the name suggests, define the benefits given to employees. Your goal is to have enough funds to pay for these benefits. To do this, we use a funding method. It sets the yearly deposit needed to pay for your plan's benefits.

## Assumptions

We use assumptions to estimate how much funding you'll need for benefits. For instance:
> How much interest will your funds earn?
$>$ How many employces will leave the plan?
$>$ What will be employees' future salaries?
$>$ How many employees will become disabled?
Deposit levels change when actual events differ from what was assumed. To see the assumptions used for your plan, refer to Section VII of this report.

## Using This Report

We give you a minimum deposit level. Your deposit may have to be more than this to fund upcoming benefits. We'll advise you if you need to fund at a higher level. For a summary of these results refer to Section II. More detailed information is found in the remaining sections of this report.

## Actuarial Certification

To the best of my knowledge, this report is complete and accurate. It complies with all relevant pension actuarial standards and legal requirements.

In preparing this report, I have relied on (1) information provided by the plan sponsor and (2) plan documents and plan asset information on file with Principal Life Insurance Company. Appropriate tests of reasonableness and accuracy have been made.

In my opinion, each assumption used in combination represents my best estimate of anticipated experience under the plan. Each assumption used is reasonable (taking into account the experience of the plan and reasonable expectations), or would, in the aggregate, result in a total contribution equivalent to that which would be determined if each such assumption were reasonable.

I am a member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.
$\frac{78}{\text { Gregory W. Gosselink, EA, MAAA }}$

$$
510012007
$$

Retirement Actuarial Services
Principal Financial Group
Des Moines, IA 50306-9394
(515) 248-2293

This summary is for Retirement Plan for Employees of City of Jonesboro, Arkansas. It includes:
$>$ Annual required contribution for the plan year ending 12/31/2007
$>$ Deposit options
$>$ Changes recognized in this report
$>$ Analysis of results

## Deposit Information

A summary of the results of the actuarial valuation is as follows:
Total normal cost \$454,027
Total normal cost as a percentage of member compensation
Annual required contribution
512,673

## Deposit Options

The table below explains the effects of depositing at different levels. The impact on next year's costs is based on all actuarial assumptions being met. Costs will vary based on actual plan experience and timing of deposits.

| If you deposit | You will |
| :--- | :--- |
| Less than $\$ 512,673$ | $>$ Increase your next year's annual required contribution. |
| Exactly $\$ 512,673$ | $>$ Meet your annual required contribution. |
| More than $\$ \overline{512,673}$ | $>$ Exceed your annual required contribution. |

## Deposits Received

We used $\$ 504,064$ in deposits received after $12 / 31 / 2006$ for your 2006 plan year. Since these deposits have been used for the prior plan year, additional deposits will be required to meet your 2007 annual required contribution. See Section IV - Plan Assets for a list of the 2006 plan year deposits.

We have not yet received any deposits for the current plan year as of $08 / 27 / 2007$.

## Plan Changes

This report reflects changes in maximum benefit limits under Internal Revenue Code (IRC) Section 415 and in maximum compensation limits under IRC Section 401. This change had only a minor impact on plan costs.

## Assumption Changes

While completing this valuation, we reviewed the actuarial assumptions. This report includes the following assumption changes:
$>$ The mortality table has been updated to the RP-2000 Combined Mortality Table projected to 2005.
$>$ We adjusted the withdrawal assumption to reflect past experience and the expected turnover for future years.

The assumptions used are shown in Section VII. We redetermined plan liabilities as of the start of the plan year for the assumption changes. See Section IX for the effects of this change.

## Analysis

During the last year, your plan experienced an actuarial gain of $\$ 360,208$. This gain was due to the retirement of 5 employees, less than expected salary increases, and better than expected return on investments.

## For Additional Information

For additional information you may contact your valuation analyst, Donna Day, by:
> Phone - 1-800-543-4015 extension 75886, or 515-247-5886
$>$ Email-day.donna@principal.com
You may also contact your local Principal Financial Group Retirement Services sales office.

## Normal Cost

|  | $\mathbf{0 1 / 0 1 / 2 0 0 7}$ | $\underline{\mathbf{0 1 / 0 1 / 2 0 0 6}}$ |
| :--- | ---: | ---: |
| Total normal cost | $\$ 454,027$ | $\$ 419,246$ |
| Annual member compensation | $6,942,529$ | $6,144,454$ |
| Total normal cost as a percentage of member compensation | $6.54 \%$ | $6.82 \%$ |

## Deposit Levels

| Annual <br> Required <br> Contribution | a) | Employer normal cost | $\$ 454,027$ | $\$ 419,246$ |
| :--- | :--- | :--- | ---: | :--- |
|  | b) Amortization amounts | 22,878 | 49,651 |  |
|  | c)Valuation interest to the end of the <br> plan year on a and b | 35,768 | 35,167 |  |
|  | d)Annual required contribution <br> $(\mathrm{a}+\mathrm{b}+\mathrm{c})$ | $\$ 512,673$ | $\$ 504,064$ |  |

## Actuarial Value

## Principal Life Insurance Company Accounts

Flexible Pension Investment (FPI) grouped accounts

## Value of deposit received 01/16/2007 and

 applied to the plan year ending $12 / 31 / 2006$$\$ 5,682,963$

504,064

Market Value
$\$ 6,187,027$
$\$ 6,187,027$

This valuation includes the retired lives under the benefit index option of your contract. The market value of assets for this retired life liability is $\$ 2,238,801$.

## Development of Normal Cost

Normal cost is the portion of cost assigned to each year. Under the entry age normal cost method used in this valuation, each member's annual cost is calculated as described in Section VII - Actuarial Assumptions and Methods. The sum of the annual costs for all members plus an estimate of plan expenses to be paid from the fund is the total normal cost for the year.
a) Normal cost $\$ 425,080$b) Estimated expenses28,947
c) Total normal cost $(a+b)$ ..... $\$ 454,027$

## Section V-Development of Deposit Information

## Schedule of Amortization Bases

Your cost method allocates a portion of plan funding to be amortized in equal annual installments, rather than to be paid through future normal costs. 'The minimum period over which the bases are amortized are described by law or regulations.

| Date <br> Created | Reason | Outstanding <br> Balance | 30 Year <br> Amortization | 10 Year <br> Amortization |
| :---: | :---: | :---: | :---: | :---: |
| $01 / 01 / 2007$ | Unfunded Acruarial Accrued Liability | $\$ 290,465$ | $\$ 22,878$ | $\$ 39,364$ |

## Unfunded Actuarial Accrued Liability

a) Unfunded actuarial accrued liability (as of $01 / 01 / 2006$ ) ..... $\$ 630,378$
b) Changes made during the plan year ..... 0
c) Employer normal cost (as of 01/01/2006) ..... 419,246
d) Interest on the above items ..... 78,721
e) Total $(\mathrm{a}+\mathrm{b}+\mathrm{c}+\mathrm{d})$ ..... $\$ 1,128,345$
f) Employer contributions ..... $\$ 504,064$
g) Interest on employer contributions ..... 0
h) Total $(\mathrm{f}+\mathrm{g})$ ..... $\$ 504,064$
i) Expected unfunded actuarial accrued liability ..... $\$ 624,281$
(as of 01/01/2007) (e-h)
i) Actuarial accrued liability ..... $\$ 6,451,100$
k) Actuarial value of assets ..... 6,187,027

1) Actual unfunded actuarial accrued liability (as of 01/01/2007) (actuarial accrued ..... $\$ 264,073$ liability less actuarial value of assets) ( $\mathrm{j}-\mathrm{k}$ )
m) Actuarial (gain) or loss ..... $\$(360,208)$
(actual less expected unfunded actuarial accrued liability) (1-i)
n) Increase due to a benefit change ..... 864
o) Increase due to change in assumptions ..... 25,528
p) Redetermined actual unfunded actuarial accrued liability ..... $\$ 290,465$
(as of 01/01/2007) ( $1+\mathrm{n}+\mathrm{o}$ )
Employer contributions include $\$ 504,064$ received $01 / 16 / 2007$ and applied to the plan year ending12/31/2006.

## Census Data

The census data is based on data supplied by the plan sponsor

## Active Participants

Age

Group | Projected |
| :---: |
| Monber |

## Inactive Participants

Group
Monthly Pension ${ }^{1}$
Number
Monthly Pension
Under $25 \quad 14$

$$
\$ 105,872
$$

| $25-29$ | 23 | 160,577 | 2 |
| :---: | :---: | :---: | :---: |

30-34 13

30-34 13
75,985
33
35-39 38
$\begin{array}{lll}166,047 & 7 & 815\end{array}$
40-44 29
88,870
45-49 28
62,756
3

50-54 34
53,173
751
55-59 24
60-64 9
65 \& over 8
21,216
1
775
$8,170 \quad 4$
2,386
2,232 1
201

Totals
220
$\$ 744,898$
25
$\$ 5,490$
${ }^{1}$ Projected monthly pension was calculated on the assumption that employees would experience annual compensation increases. Benefit amounts have been calculated at normal retirement age (current age if later).

## Retired Participants

Age
Group

| $60-64$ | 10 | $\$ 4,845$ |
| :--- | ---: | ---: |
| $65-69$ | 15 | 4,159 |
| $70-74$ | 8 | 4,035 |
| $75-79$ |  |  |
| $80-84$ |  |  |
| $85 \&$ over |  |  |
| Totals | 33 | $\$ 13,039$ |

## Emerging Retirement Liability

This page is provided to help you evaluate your asset liquidity needs. For this purpose, the charges shown can be compared to the market value of the funds in your contract, less the current benefit index. As of the current anniversary date, this amount is $\$ 3,069,005$.

| Plan Year <br> Beginning | Number <br> Retiring | Projected <br> Monthly Benefit | Expected <br> Charge to Assets | Cumulative <br> Charges |
| ---: | ---: | ---: | ---: | ---: |
| $01 / 01 / 2007$ | 6 | $\$ 1,874$ | 4,062 |  |
| $01 / 01 / 2008$ | 3 | 1,051 | $\$ 433,949$ | $\$ 06,691$ |
| $01 / 01 / 2009$ | 3 | 1,518 | 244,367 | $\$ 433,949$ |
| $01 / 01 / 2010$ | 3 | 1,832 | 358,478 | $1,402,640$ |
| $01 / 01 / 2011$ | 5 | 4,457 | 432,743 | $1,647,007$ |
| $01 / 01 / 2012$ | 4 | 3,718 | $1,097,315$ | $2,005,485$ |
| $01 / 01 / 2013$ | 5 | 3,244 | 899,931 | $2,438,228$ |
| $01 / 01 / 2014$ | 5 | 1,149 | 773,794 | $3,535,543$ |
| $01 / 01 / 2015$ | 2 | 10,325 | 275,873 | $5,435,474$ |
| $01 / 01 / 2016$ | 11 |  | $2,483,730$ | $5,485,268$ |
|  |  |  |  | $7,968,871$ |

Number retiring recognizes only those who have benefits that will commence in that year.
Projected monthly benefit was calculated using the salary scale shown on the assumption page of this report.

Expected charge to assets is an estimate of the benefit index allocation to your contract. This display is based on the benefit index rates and your investment mix as of the current anniversary date. Since both of these may change from time to time, you should consider these amounts estimates.

## Actuarial Valuation Assumptions

01/01/2007
01/01/2006

| Valuation Interest <br> (net of investment expenses) |  |  |
| :---: | :---: | :---: |
| Preretirement | 7.50\% | 7.50\% |
| Postretirement | 7.50\% | 7.50\% |
| Interest Rate For Empl Accumulations | yee $5.51 \%$ | 5.39\% |
| Mortality |  |  |
| Preretirement | RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA. | 1983 Group Annuity Table, male and female. |
| Postretirement | RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA. | 1983 Group Annuity Table, male and female. |
| Expenses | A dollar estimate of administrative expenses is included in normal cost. | A dollar estimate of administrative expenses is included in normal cost. |
| Salary Scale | $4.50 \%$ increase each year until retirement. | $4.50 \%$ increase each year until retirement. |
| Retirement Age | Normal retirement age as defined in Summary of Plan Provisions. | Normal retirement age as defined in Summary of Plan Provisions. |
| Disability | None. | None. |

2003 Society of Actuaries Small Plan Age Table, multiplied by 60 .

Selected rates of withdrawal are shown below:

| Age | Rate of withdrawal | Age | Rate of withdrawal | Rate of <br> Age withdrawal |  | Age | Rate of withdrawal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 14.58\% | 40 | 5.64\% |  |  |  |  |
| 25 | 11.70\% | 45 | 4.38\% | 20 | 13.95\% | 40 | 4.88\% |
| 30 | 9.30\% | 50 | 3.36\% | 25 | 10.20\% | 45 | 4.13\% |
| 35 | 7.26\% | 55 | 2.52\% | 30 | 7.58\% | 50 | 3.38\% |
|  |  |  |  | 35 | 5.93\% | 55 | 0.00\% |

The actuarial valuation assumptions used in this report differ from those used in the previous report. This year we updated the withdrawal and mortality table assumptions. These assumptions were changed to better reflect the anticipated experience of your plan. The interest rate used for employee contributions is $120 \%$ of the Federal Mid Term Rate. .

## Actuarial Methods

## 01/01/2007

Entry age normal

Market value

Deposits received in the current plan year, but applied to the prior plan year, are included in assets at their face value.

## Retirees

## Actuarial value of assets

Principal Life Insurance Company accounts

FPI grouped accounts

Deposits after the plan year end

Assets and liabilities for retirees who receive monthly (guaranteed and nonguaranteed) benefits from plan assets are included in your valuation.

01/01/2006
Entry age normal

Assets and liabilities for retirees who receive monthly (guaranteed and nonguaranteed) benefits from plan assets are included in your valuation.

# Description of Actuarial Cost Method Entry Age Normal 

## Ultimate Cost

The ultimate cost of your pension plan is:
$\gamma$ Benefit payments
$>$ Plus expenses
$>$ Less investment income
This cost can't be determined until the last benefit has been paid. Regardless of which actuarial cost method is used, the ultimate cost remains the same.

## Cost Methods

A cost method is a budgeting tool. It helps to ensure that your pension plan is adequately and systematically funded. Cost methods differ based on how they assign an annual cost to the current year and how they treat gains and losses.

## Normal Cost

The portion of cost assigned to each year is called the normal cost. The normal cost may be shared by the employer and the employees based on plan provisions.

## Entry Age Normal

The entry age normal cost method is used for this valuation. This method estimates the total cost of all projected plan benefits based on the assumptions shown in this report and the participant data you have supplied.

Costs are spread evenly from a member's date of hire to assumed retirement age. This annual cost is spread as a level percentage of compensation if benefits are salary related or as a level dollar amount if not salary related. The sum of each member's annual cost is the normal cost.

There are some accumulated costs for past years. The value of these past costs is the actuarial accrued liability (AAL). Each year the unfunded actuarial accrued liability (UAAL) is the AAL less the actuarial value of assets, but not less than zero. The UAAL is adjusted when there are plan or assumption changes (a liability base is created).

## Actuarial Gains/Losses

An actuarial gain or loss occurs when actual plan experience differs from what was assumed. The actuarial gain or loss is calculated separately and is amortized in accordance with the Internal Revenue Code.

The following is a summary of plan provisions and does not alter the intent or meanings of the provisions contained in the contract or plan document.

## Plan Eligibility

Class: | Any full-time employce (other than an elected official, uniformed |
| :--- |
| police officer, or firefighter) who is employed for more than 20 |
| hours per week and more than five months per year. |

## Normal Retirement Benefit

Age:
Service:
Form:

Amount (accrued benefit):
Minimum Benefit:

## Early Retirement Benefit

## Age:

Service:
Form:
Amount:

Late Retirement Benefit
Age:
Form:
Amount:

Attained age 65
Five years of accrual service
Monthly annuity payable for ten years certain and life thereafter (optional forms may be elected in advance of retirement).
$1.5 \%$ of average compensation multiplied by accrual service.
$\$ 25$ monthly accrued benefit.

Attained age 55.
Five years of accrual service
Same as normal retirement benefit.
Accrued benefit on early retirement date reduced by $67 / 10 \%$ for each year up to five and $33 / 10 \%$ for each year between five and ten that the early retirement date precedes normal retirement date.

No maximum age
Same as normal retirement benefit.
Accrued bencfit on late retirement date

## Termination Benefit

Vesting percentage:
Form:

Amount:

## Single Sum Death Benefit

Form:

Amount:

## Definitions

Average Compensation:

Participant's Contribution Account:

Optional Forms of Benefit Payments
$100 \%$ after five years of vesting service.
Same as normal retirement benefit with income deferred until normal retirement date.

The greater of the accrued benefit multiplied by the vesting percentage or the participant's contribution account as of date of termination.

Cash payment.
Participant's contribution account as of date of death.

The monthly average of total pay received for the five compensation years prior to normal retirement date.

Participant's contributions accumulated to date of determination with interest.

The optional forms of benefit payments are:
$>$ Monthly annuity payable for life or 10 years certain and life
$>$ Monthly annuity payable as a survivorship life annuity with survivorship percentages of 50,75 , or 100
$\Rightarrow$ Single sum payment equal to the Required Contribution Account of the retirement benefit

# Section IX-Accounting Disclosure Information for SFAS35 

## Present Value of Accumulated Plan Benefits

Present value of vested and nonvested accrued benefits are based on the valuation assumptions shown in Section VII of this report (salary scale, if any, is not included in the calculation of accrued benefits). If the valuation includes retirees under the floor or bencfit index option of the plan's funding arrangement, then those liabilities are also included below. This information may be used for Statement of Financial Accounting Standards No. 35 (SFAS35). These amounts should not be used for other purposes such as estimating plan termination sufficiency.

|  | $\underline{01 / 01 / 2007}$ | $\underline{01 / 01 / 2006}$ |
| :--- | ---: | ---: |
| Present Value of Vested Benefits | $\$ 1,549,479$ | $\$ 1,163,531$ |
| Retired members | 352,887 | 183,212 |
| Inactive members | $2,144,316$ | $2,102,409$ |
| Active members | $\$ 4,046,682$ | $\$ 3,449,152$ |
| Total |  |  |
| Present Value of Nonvested Benefits | $\$ 0$ | $\$ 0$ |
| Inactive members | 171,953 | 175,599 |
| Active members | $\$ 171,953$ | $\$ 175,599$ |
| Total | $\$ 4,218,635$ | $\$ 3,624,751$ |

The following changes have had these effects, on an annual basis, as of the valuation date:

|  | Unfunded <br> Actuarial Accrued <br> Liability | Present Value <br> of Vested <br> Benefits | Present Value <br> of Nonvested <br> Benefits |  |
| :--- | :---: | :---: | :---: | ---: |
| Plan Amendment Cost | $\$ 170$ | $\$ 864$ | $\$ 0$ | $\$ 0$ <br> Assumptions |
|  | $(11,264)$ | 25,528 | 90,007 | 2,581 |

## Change in Present Value of Accumulated Plan Benefits

## Present Value of Accumulated Plan Benefits as of 01/01/2006

$\$ 3,624,751$

## Increase (decrease) during the year due to:

Increase for interest due to decrease in the discount period
271,856
Benefits paid
$(139,261)$
$\begin{array}{ll}\text { Benefits accumulated and plan experience } & 368,701\end{array}$
Change in assumptions $\quad 92,588$
Plan amendment 0
Method changes 0
Present Value of Accumulated Plan Benefits as of 01/01/2007
$\$ 4,218,635$

## Carryforward of Net Pension Obligation:

a) Annual required contribution for 2006 plan year ..... \$504,064
b) Interest on net pension obligation ..... 0
c) Adjustment to annual required contribution ..... 0
d) Annual pension cost for 2006 plan year ( $a+b-c$ ) ..... 504,064
e) Actual contributions made ..... 504,064
f) Increase/(decrease) in net pension obligation ..... 0
g) 2006 beginning of year net pension obligation ..... 0
h) 2006 end of year net pension obligation ..... $\$ 0$
Annual Pension Cost for 2007 Plan Year:
a) Normal cost with interest ..... $\$ 488,079$
b) Amortization with interest ..... 24,594
c) Annual required contribution $(\mathrm{a}+\mathrm{b})$ but not less than zero ..... 512,673
d) Interest on net pension obligation ..... 0
e) Adjustment to annual required contribution ..... 0
f) Annual pension cost ( $\mathrm{c}+\mathrm{d}-\mathrm{e}$ ) ..... $\$ 512,673$

## Calculation of Net Pension Obligation



This statement, which is provided by Principal Life Insurance Company, is complete and accurate according to the besi of our knowledge. This statement should be reviewed by the employer for accuracy and agreement with their records.

Governmental Accounting Standards Board Statement 25 (GASB 25) and GASB 40 Information
Retirement Plan for Employees of City of Jonesboro, Arkansas
GA 4-49993

## Statement of Plan Net Assets <br> as of December 31

## Assets:

Cash (Cash and cash equivalents) Checking/Savings account $\$ 0.00$ $\$ 0.00$

Total Cash $\$ 0.00$ $\$ 0.00$

Investments
Insurance contracts at contract value
Available for nonretired lives $\quad \$ 49,284.31 \quad \$ 115,949.83$

Unallocated Separate Accounts at Fair Value 32,051.51

Liabilities:

| Accrued administrative expense | $\$ 0.00$ | $\$ 0.00$ |
| :---: | ---: | ---: |
| Total Liabilities | $\$ 0.00$ | $\$ 0.00$ |
| assets available for benefits | $\$ 5,683,169.65$ | $\$ 4,750,904.56$ |

## Retirement Plan for Employees of City of Jonesboro, Arkansas

GA 4-49993

## Statement of Changes in Plan Net Assets <br> For the Year Ended December 31

Additions:
Contributions
Members' contributions
Employer contributions
Investment Income
Contract Investment Income
Dividend Income
Net appreciation/(depreciation) in fair value of investments
Total additions
Pension payments
Refund terminated members' contributions
Administrative expenses
Other expenses
Other Deductions
Fund Balance on January 1
Total deductions
Net increase/(decrease)
Palance on December 31

[^1]
## Retirement Plan for Employees of City of Jonesboro, Arkansas

GA 4-49993

## Notes To Financial Statements

## 1. Description of Plan:

A. General

The City of Jonesboro, Arkansas Pension Plan is a single-employer defined benefit pension plan controlled by the provisions of the city ordinance. The plan is governed by the City of Jonesboro which may amend plan provisions, and which is responsible for the management of plan assets. The City of Jonesboro has delegated the authority to manage certain plan assets to Principal Life Insurance Company.

## B. Plan Membership

As of January 1, 2006 and 2007, the pension plan's membership consisted of:

|  | 2007 | 2006 |
| :--- | :---: | :---: |
|  | 220 | 188 |
| Retirees and beneficiaries currently receiving benefits | 33 | 28 |
| Terminated employees entitled to benefits but not yet receiving them | 25 | 23 |
| Total | 278 | 239 |

## C. Benefit Provisions

As of January 1, 2007, the pension plan provides for retirement and other benefits as shown in Appendix IV of this report.

## 2. Summary of Significant Accounting Policies:

## A. Basis of Accounting

The plan's policy is to prepare its financial statements on the accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Employer contributions to the plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

## Notes To Financial Statements-Continued

2. Summary of Significant Accounting Policies: (continued)
B. Valuation of Investments

The pension plan's unallocated insurance contracts are valued at contract value. Contract value represents contributions made under the contract, plus interest at the contract rate, less funds used to pay bencfits or administrative expense charged by the Principal Life Insurance Company.

The pension plan's unallocated separate accounts are valued at fair value.
C. Contributions

Active members are no longer required to contribute to the plan. Any remaining obligation with respect to the pension plan shall be paid by the employer.

Investment expenses, including investment manager and custodial services, are funded through investment earnings.

Administrative expenses, including actuarial and consultant services, are funded through investment earnings and/or contributions.
D. Investments That Represent Five Percent or More of Net Assets Available For Benefits

At December 31, 2006, the following are investments (other than U.S. Government and U.S. Government guaranteed obligations), in any one organization, that represent five percent or more of net Assets available for benefits ( $\$ 5,683,169.65 \times .05=\$ 284,158.48$ ):

Principal Financial Group

## Notes To Financial Statements-Continued

2. Summary of Significant Accounting Policies: (continued)

## E. Deposits And Investments

The Governmental Accounting Standards Board in Statement No. 3 (GASB 3), as amended by Governmental Accounting Standards Board in Statement No. 40 (GASB 40) requires state and local governments to disclosure certain risks associated with the plan's deposits and investments.

Deposits
At December 31, 2006, the plan held no deposits.

## Investments

Interest Rate Risk. At December 31, 2006, the city had the following investments. Amounts are shown in dollars. Modified duration is shown in years.

|  | Fair <br> Value | Effective <br> Duration |
| :--- | ---: | ---: |
| Fixed Income Investment Options |  | 4.70 |
| Principal Bond and Mortgage Separate Account | $1054,285.32$ | 6.683 .78 |
| Principal Inflation Protection Separate Account | $112,087.63$ | 6.23 |
| Principal High Yield Separate Account | $111,622.05$ | 5.20 |
| Principal Preferred Securities Separate Account | $\$ 1,887,678.78$ |  |
| Total Fair Value of Fixed Income Investment Options | $3,795,490.87$ |  |
| Other Investments | $\$ 5,683,169.65$ |  |

For more performance information, including most recent month-end performance, visit the Principal Sponsor Service Center or the Principal Retirement Service Center at www. Principal.com, contact your representative of The Principal, or call our Client Contact Center at 1-800-547-7754.

Credil Risk. Separate accounts held at The Principal Financial Group are commingled pools, rather than individual securities. As a result, these accounts are not rated.

Accounts held at The Principal Financial Group are not subject to concentration of credit risk, custodial credit risk or foreign currency risk.

## Required Supplementary Information

## Schedule of Funding

Historical trend information about the plan is presented herewith as required supplementary information. It is intended to belp users assess the plan's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other state and local government retirement systems.

The historical information required to be disclosed, beginning as of January $1,2002^{*}$ is as follows:

| Actuarial Valuation Date | (1) <br> Actuarial Value of Assets | (2) <br> Actuarial Accrued Liability (AAL) | $\begin{aligned} & (3) \\ & \text { Unfunded } \\ & \text { AAL } \\ & \text { (UAAL) } \\ & (2)-(1) \\ & \hline \end{aligned}$ | (4) <br> Funded <br> Ratio <br> (1)/(2) | (5) <br> Annual <br> Covered Payroll | (6) <br> UAAL <br> As a <br> \% of Payroll $[(2)-(1)] /(5)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 01/01/2002 | \$2,200,215 | \$3,463,819 | \$1,263,604 | 64\% | \$4,639,027 | 27\% |
| 01/01/2003 | 2,385,079 | 3,920,694 | 1,535,615 | 61\% | 5,159,811 | 30\% |
| 01/01/2004 | 3,444,655 | 4,418,008 | 973,353 | $78 \%$ | 5,167,425 | 19\% |
| 01/01/2005 | 4,340,642 | 5,025,796 | 685,154 | 86\% | 5,424,118 | 13\% |
| 01/01/2006 | 5,208,383 | 5,838,761 | 630,378 | 89\% | 6,144,454 | 10\% |
| 01/01/2007 | 6,187,027 | 6,477,492 | 290,465 | 96\% | 6,942,529 | 4\% |

- Actuarial Valuations prior to $01 / 01 / 2002$ were provided by another carrier.

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the accrued liability as a factor. (See page 8 for Significant Factors Affecting Schedules.)

Analysis of the dollar amount of the actuarial value of assets, accrued liability and unfunded (assets in excess of accrued liability in isolation can be misleading. Expressing the actuarial value of assets as a percentage of the accrued liability (colurnn 4) provides one indication of the plan's funding status on a going-concern basis. Analysis of this percentage, over time, indicates whether the system is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the plan.

Trends in unfunded (assets in excess of) accrued liability and annual covered payroll are both affected by inflation. Expressing unfunded (assets in excess of) accrued liability as a percentage of annual covered payroll (column 6) approximately adjusts for the effects of inflation and aids analysis of the plan's progress made in accumulating sufficient assets to pay benefits when due. Generally, where there is an unfunded accrued liability, the smaller this percentage, the stronger the plan. However, when assets are in excess of the accrued liability, the higher the bracketed percentage, the stronger the plan.

## Schedule of Employer Contributions

The following table provides an analysis of funding progress for the last 6 years:

| Plan <br> Year End | Annual <br> Required <br> Contribution | Actual <br> Contribution | Percentage <br> Contributed |
| :---: | :---: | :---: | :---: |
| $12 / 31 / 2001$ | $\$ 497,337$ | $\$ 497,337$ | $100 \%$ |
| $12 / 31 / 2002$ | 514,037 | 514,037 | $100 \%$ |
| $12 / 31 / 2003$ | 581,770 | 581,770 | $100 \%$ |
| $12 / 31 / 2004$ | 481,229 | 481,229 | $100 \%$ |
| $12 / 31 / 2005$ | 459,814 | 459,814 | $100 \%$ |
| $12 / 31 / 2006$ | 504,064 | 504,604 | $100 \%$ |

## Required Supplementary Information-Continued

## Notes To Required Schedules

## A. Actuarial Assumption And Methods

The actuarial accrued liability was determined as part of an actuarial valuation at January 1, 2007, the most recently filed actuarial valuation report.

This report was based upon the plan's actuarial assumptions, asset valuation method, and cost method described in Appendix I, II, and III.

The amortization method used is Level Dollar over a Closed Period. The weighted average remaining period is 30 years.

## B. Significant Factors Affecting Schedules

No changes occurred in the actuarial valuation assumptions, plan benefits, actuarial cost method, or procedures affecting the comparability of costs since the January 1,2007 plan year.

## Actuarial Valuation Assumptions

01/01/2007
01/01/2006

| Valuation Interest (net of investment expenses) |  |  |
| :---: | :---: | :---: |
| Preretirement | 7.50\% | 7.50\% |
| Postretirement | 7.50\% | 7.50\% |
| Interest Rate For Employee <br> Accumulations |  | 5.39\% |
| Mortality |  |  |
| Preretirement | RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA. | 1983 Group Annuity Table, male and female. |
| Postretirement | RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA. | 1983 Group Annuity 'Table, male and female. |
| Expenses | A dollar estimate of administrative expenses is included in normal cost. | A dollar estimate of administrative expenses is included in normal cost. |
| Salary Scale | 4.50\% increase each year until retirement. | $4.50 \%$ increase each year until retirement. |
| Retirement Age | Normal retirement age as defined in Summary of Plan Provisions. | Normal retirement age as defined in Summary of Plan Provisions. |
| Disability | None. | None. |

## Withdrawal

2003 Society of Actuaries Small Plan Age Table, multiplied by 60 .

Selected rates of withdrawal are shown below:

Rate of Rate of Age withdrawal Age withdrawal

|  |  |  |  |
| ---: | ---: | ---: | ---: |
| 20 | $14.58 \%$ | 40 | $5.64 \%$ |
| 25 | $11.70 \%$ | 45 | $4.38 \%$ |
| 30 | $9.30 \%$ | 50 | $3.36 \%$ |
| 35 | $7.26 \%$ | 55 | $2.52 \%$ |

V Table from August 1992 Pension Forum published by the Society of Actuaries, multiplied by 0.75 .

Selected rates of withdrawal are shown below:
Rate of Rate of Age withdrawal Age withdrawal

| 20 | $13.95 \%$ | 40 | $4.88 \%$ |
| ---: | ---: | ---: | ---: |
| 25 | $10.20 \%$ | 45 | $4.13 \%$ |
| 30 | $7.58 \%$ | 50 | $3.38 \%$ |
| 35 | $5.93 \%$ | 55 | $0.00 \%$ |

The actuarial valuation assumptions used in this report differ from those used in the previous report. This year we updated the withdrawal and mortality table assumptions. These assumptions were changed to better reflect the anticipated experience of your plan. The interest rate used for employee contributions is $120 \%$ of the Federal Mid Term Rate. .

## Actuarial Methods

01/01/2007 01/01/2006

## Actuarial cost method

Entry age normal
Entry age normal
Actuarial value of assets
Principal Life Insurance Company accounts

FPI grouped accounts

Deposits after the plan year end

Market value

Deposits received in the current plan year, but applied to the prior plan year, are included in assets at their face value.

Retirees

Assets and liabilities for retirees who receive monthly (guaranteed and nonguaranteed) benefits from plan assets are included in your valuation.

Market value

Deposits received in the current plan year, but applied to the prior plan year, are included in assets at their face value.

Assets and liabilities for retirees who receive monthly (guaranteed and nonguaranteed) benefits from plan assets are included in your valuation.

# Description of Actuarial Cost Method Entry Age Normal 

Ultimate Cost

The ultimate cost of your pension pian is:
$>$ Benefit payments
> Plus expenses
> Less investment income
This cost can't be determined until the last benefit has been paid. Regardless of which actuarial cost method is used, the ultimate cost remains the same.

## Cost Methods

A cost method is a budgeting tool. It helps to ensure that your pension plan is adequately and systematically funded. Cost methods differ based on how they assign an annual cost to the current year and how they treat gains and losses.

## Normal Cost

The portion of cost assigned to each year is called the normal cost. The normal cost may be shared by the employer and the employees based on plan provisions.

## Entry Age Normal

The entry age normal cost method is used for this valuation. This method estimates the total cost of all projected plan benefits based on the assumptions shown in this report and the participant data you have supplied.

Costs are spread evenly from a member's date of hire to assumed retirement age. This annual cost is spread as a level percentage of compensation if benefits are salary related or as a level dollar amount if not salary related. The sum of each member's annual cost is the normal cost.

There are some accumulated costs for past years. The value of these past costs is the actuarial accrued liability (AAL). Each year the unfunded actuarial accrued liability (UAAL) is the AAL less the actuarial value of assets, but not less than zero. The UAAL is adjusted when there are plan or assumption changes (a liability base is created).

## Actuarial Gains/Losses

An actuarial gain or loss occurs when actual plan experience differs from what was assumed. The actuarial gain or loss is calculated separately and is amortized in accordance with the Internal Revenue Code.

The following is a summary of plan provisions and does not alter the intent or meanings of the provisions contained in the contract or plan document.

## Plan Eligibility

Class:
Any full-time employee (other than an elected official, uniformed police officer, or firefighter) who is employed for more than 20 hours per week and more than five months per year.

## Normal Retirement Benefit

Age:
Attained age 65.
Service:
Five years of accrual service
Form:

Amount (accrued benefit):
Monthly annuity payable for ten years certain and life thereafter (optional forms may be elected in advance of retirement).
$1.5 \%$ of average compensation muluplied by accrual service.

## Minimum Benefit:

$\$ 25$ monthly accrued benefit.

## Early Retirement Benefit

Age:
Attained age 55.
Service:
Five years of accrual service
Form:
Same as normal retirement benefit.
Amount:
Accrued benefit on early retirement date reduced by $67 / 10 \%$ for each year up to five and $33 / 10 \%$ for each year between five and ten that the early retirement date precedes normal retirement date.

## Late Retirement Benefit

| Age: | No maximum age. |
| :--- | :--- |
| Form: | Same as normal retirement benefit. |
| Amount: | Accrued benefit on late retirement date |

## Appendix IV <br> Section VIII-Summary of Plan Provisions

## Termination Benefit

Vesting percentage:

Form:

Amount:

Single Sum Death Benefit
Form:

Amount:

## Definitions

Average Compensation:

Participant's Contribution Account:

Optional Forms of Benefit Payments
$100 \%$ after five years of vesung service.

Same as normal retirement benefit with income deferred until normal retirement date.

The greater of the accrued benefit multiplied by the vesting percentage or the participant's contribution account as of date of termination.

Cash payment.
Participant's contribution account as of date of death.

The monthly average of total pay received for the five compensation years prior to normal retirement date.

Participant's contributions accumulated to date of determination with interest.

The optional forms of benefit payments are:
$>$ Monthly annuity payable for life or 10 years certain and life
$>$ Monthly annuity payable as a survivorship life annuity with survivorship percentages of 50,75 , or 100
$>$ Single sum payment cqual to the Required Contribution Account of the retirement benefit


[^0]:    ce Ricluard S. Darouse
    Rae T. Willis
    Heather Black
    Russell Anthofer

[^1]:    1 Payment for Fund Selection Service
    2 Price error adjustment

