UFCW-Giant Variable Annuity Fund

Cheiron
Classic Values, Innovative Advice

Preliminary 2022 Actuarial Valuation Results

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Cheiron
Celebrating 20 years

2022 Preliminary Valuation Results

Summary of Results

Summary of Principal Results	1/1/2021	1/1/2022	1/1/2023 (proj)
Liabilities			
Funding Target Liability (FTL)	$ 0	$ 11,988,869	$ 23,600,000
Target Normal Cost (TNC)	12,114,212	12,402,790	12,450,000
Funding Shortfall	0	168,326	0
Shortfall Amortization Charge	0	15,555	0
Effective Interest Rate	5.83%	5.62%	TBD
Assets			
Market Value of Assets (MVA) (discounted receiv)	$ 0	$ 11,820,543	$ 29,000,000 [2]
Actuarial Value of Assets (AVA)	0	11,820,543	29,600,000
Funded Ratios			
Funded Percentage (AVA/FTL)	100.00%	98.59%	125.42%
Adjusted Funding Target Attainment Percentage	100.00%	98.59%	125.42%
Funding Target Attainment Percentage	100.00%	98.59%	125.42%
Minimum Required Contribution (MRC)	$ 12,114,212	$ 12,418,345	$ 6,450,000
Bargaining Contribution Obligation[1]	$ 12,114,212	$ 12,418,345	$ 12,450,000
Quarterly Contribution	0	0	$ 3,250,000

[1] Based on our understanding that plan sponsor is to contribute the cost of benefits

[2] Assumes a return of 0% for 2022

2022 Preliminary Valuation Results

Summary of Liabilities

Funding Target Reconciliation		
a) January 1, 2021 Funding Target	$	0
b) Expected Change*		11,514,494
c) Mandated Mortality Change		17,142
d) Expected January 1, 2022 Funding Target	$	11,531,636
e) Actual January 1, 2022 Funding Target	$	11,988,869
f) Liability (Gain) / Loss	$	457,233

* *Normal Cost and Interest*

Liabilities: Slightly higher than expected

- Effective Interest Rate decreased from 5.83% to 5.62%
- Liability loss due primarily to plan experience (active participants not retiring)

2022 Preliminary Valuation Results

Summary of Demographics

Participant Data Summary	1/1/2021	1/1/2022	% Change
Actives	10,175	9,559	(6.1%)
Deferred Vesteds	0	584	N/A
In Pay Status	0	0	N/A
Total	10,175	10,143	(0.3%)

2022 Preliminary Valuation Results

Summary of Contributions

Contribution Summary

Payment Due Date	Plan Year Ending 2021	2022	2023
02/28/2022		$ 6,000,000	
08/29/2022	$ 13,309,217		
04/15/2023			*$ 3,250,000*
07/15/2023			*$ 3,250,000*
09/15/2023		$ 13,631,065	
10/15/2023			*$ 3,250,000* [1]
01/15/2024			*$ 3,250,000* [1]

[1] *May be adjusted once January 1, 2023 valuation has been completed.*

- Quarterly contributions are required in 2023 since plan has shortfall as of January 1, 2022
- 2023 Plan Year amounts are estimated and cannot be fully determined until the January 1, 2023 valuation is complete.

Reliance

The purpose of this presentation is to illustrate the 2022 Preliminary Actuarial Valuation results for The UCFW-Giant Variable Annuity Fund. The results of this presentation rely on future plan experience conforming to the underlying assumptions and methods outlined in the January 1, 2022, Actuarial Valuation Report unless otherwise noted. To the extent that the actual plan experience deviates from the underlying assumptions and methods, or there are any changes in plan provisions or applicable laws, the results would vary accordingly.

In preparing this presentation, we relied on information (some oral and some written) supplied by the auditor, the fund office, and Plan counsel. This information includes, but is not limited to, the Plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

This presentation and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices and our understanding of the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board as well as applicable laws and regulations. Furthermore, as credentialed actuaries, we meet the Qualification Standards of the American Academy of Actuaries to render the opinions contained in this presentation. This presentation does not address any contractual or legal issues. We are not attorneys, and our firm does not provide any legal services or advice.

This presentation was prepared exclusively for The UCFW-Giant Variable Annuity Fund for the purpose described herein. Other users of this presentation are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to such other users.

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