# STATE OF NEW HAMPSHIRE 

Inter-Department Communication
DATE: January 6, 2012
AT (OFFICE): NHPUC
FROM: Steven E. Mullen, Assistant Director - Electric Division
SUBJECT: DE 11-176, Unitil Energy Systems, Inc. - Request for End of Reporting Requirements Regarding Status of Pension and Post Retirement Benefits Other than Pension Plans

TO: Commissioners
Debra A. Howland, Executive Director

On August 12, 2011, Unitil Energy Systems, Inc. (UES) filed a request te ei certain quarterly and annual filing requirements in relation to its pension plan and post retirement benefits other than pension (PBOP) plan that were initially established by the Commission in Docket Nos. DE 02-221 ${ }^{1}$ and DE 03-238, ${ }^{2}$ respectively. The purpose of this memo is to advise the Commission that Staff believes the reporting requirements are no longer necessary and, for the reasons set forth below, recommends their termination.

By way of background, in Docket No. DE 02-221, the Commission ordered UES to file, on an ongoing basis, quarterly and annual reports regarding the status of its pension plan for monitoring purposes due to the general concern about the funded status of corporate pension plans. As part of Docket No. DE 03-238, UES was required to file, on an ongoing basis, an annual report on the status of its PBOP plan, including a descriptive summary of all actions taken to mitigate the costs of the plan and any updated assumptions. UES made all required filings through August 2010, ${ }^{3}$ at which time UES contacted Staff and the Office of the Consumer Advocate to request a discussion of whether, due to the passage of time and the fact that UES had a then-pending distribution rate proceeding (Docket No. DE 10-055), such reports were still necessary.

[^0]In Docket No. DE 10-055, I testified (both in prefiled testimony and orally at hearing ${ }^{4}$ ) that, in Staff's view, the reporting requirements could end. Staff held that view due to the fact that since the issuance of the orders in DE 02-221 and DE 03-238 UES had gone through one distribution rate case and was in the process of going through another one. In those rate cases, subjects such as pension and PBOP costs are thoroughly examined. My testimony further recommended, however, that UES 1) file a formal request with the Commission for the cessation of the reporting requirements and 2) provide the Commission with an update of the status of the pension and PBOP plans as well as describe any accounting changes that took place subsequent to the issuance of the prior Commission orders. UES's August 12, 2011 filing in the instant docket was made consistent with Staff's recommendations.

In that filing, UES reported on the funded status of both its pension and PBOP plans as of December 31, 2010 and reported that it had made contributions to the plans during 2010 in the amounts of $\$ 1.4$ million and $\$ 1.0$ million, respectively. In addition, UES stated that the only accounting change that occurred subsequent to the Commission's issuance of Orders No. 24,107 and No. 24,269 took place in 2006 and involved the Financial Accounting Standards Board issuance of Statement of Financial Accounting Standard No. 158 (SFAS 158), "Employer's Accounting for Defined Benefit Pension and Other Postretirement Plans." According to UES, the effect of that change was previously discussed and disclosed in its August 2007 reports to the Commission for the year ended December 31, 2006.

Taking all of the above into account, Staff recommends that UES's request for termination of the reporting requirements from DE 02-221 and DE 03-238 be approved. As noted above, since the inception of the reporting requirements, UES's pension and PBOP costs have undergone examination in two distribution rate proceedings. In addition, Staff notes that supporting information for the pension and PBOP plans, including the funded status of the plans, is already provided to the Commission as part of the $10-\mathrm{Q}$ and $10-\mathrm{K}$ filings made by UES to the Securities and Exchange Commission. As always, the Commission and Staff can always obtain information regarding UES's pension and PBOP plans at any time.

Please let me know if you have any questions or would like to discuss this matter further.

## cc: Suzanne Amidon <br> Tom Frantz <br> Service List

[^1]Laurence M. Brock
Controller

August XX, 2010

Ms. Debra Howland, Executive Director and Secretary New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

## Re: DE - 02-221 Unitil Energy Systems, Inc., Pension Plan Report for Year

 Ended December 31, 2009Dear Ms. Howland:

Enclosed for filing on behalf of Unitil Energy Systems, Inc. ("UES" or "Company") please find one copy of a report (See Exhibit 1), prepared for Unitil Corporation ("Unitil") by Diversified Investment Advisors, Unitil's pension plan actuary, for the year ended December 31, 2009. Additionally, below is a discussion regarding the status of UES' pension plan (the "Plan") for the year ended December 31, 2009.

This information is being submitted pursuant to Commission Order No. 24,107 (dated December 31, 2002), "Approving Request for Accounting Order Relating to Pension Plan." The Commission Order requires UES to file an annual evaluation of the funding status of its Plan.

## Status of UES' Pension Plan for the Year Ended December 31, 2009

## Funded Status:

The following table represents information on the Plan's Projected Benefit Obligation (" $\mathrm{PBO}^{\text {" }}$ ), fair value of Plan assets and its funded status. The PBO is the Plan's projected obligation and includes expectations of future employee service and compensation increases. An unfunded PBO represents an amount to be recognized as a liability on the Company's balance sheet.

## Corporate Office

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Email: brock@unitil.com

|  | UES |  | USC |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Projected Benefit Obligation (PBO) | \$ | $(24,320)$ | \$ | $(14,338)$ | \$ | $(38,658)$ |
| Fair Value of Plan Assets |  | 14,442 |  | 8,307 |  | 22,749 |
| Unfunded Pension Obligation | \$ | $(9,878)$ | \$ | $(6,031)$ | \$ | $(15,909)$ |

The Company has recorded $\$ 15.9$ million on its balance sheet as a liability to reflect the underfunded status of the Plan's retirement benefit obligations based on the projected benefit obligation. The Company has recognized a corresponding Regulatory Asset to recognize the future collection of these obligations in electric retail rates.

UES made contributions, including amounts allocated from Unitil Service Corp., in the amount of $\$ 0.7$ million to the Plan during 2009.

## Pension Expense:

The following tables show the components of Net Periodic Pension Cost, (NPPC), as well as the key actuarial assumptions used in determining the various Plan values for 2009:

| Components of NPPC (\$000's): | 2009 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | UES |  | USC |  | Total |  |
| Service Cost | \$ | 299 | \$ | 368 | \$ | 667 |
| Interest Cost |  | 1,268 |  | 484 |  | 1,752 |
| Expected Return on Plan Assets |  | $(1,306)$ |  | (502) |  | $(1,808)$ |
| Amortization of Prior Service Cost |  | (11) |  | 4 |  | (7) |
| Curtailment (Gain) / Loss |  | (3) |  | 6 |  | 3 |
| Amortization of Net Loss |  | 710 |  | 122 |  | 832 |
| NPPC | \$ | 957 | \$ | 482 | \$ | 1,439 |

Key Assumptions Used:
To Determine Benefit Obligations at December 31, 2009:
Discount Rate
Rate of Compensation Increase 3.50\%
To Determine NPPC for the year ended December 31, 2009:
Discount Rate 6.25\%
Expected Long-Term Rate of Return on Plan Assets 8.50\%
Rate of Compensation Increase $\mathbf{3 . 5 0 \%}$

Please don't hesitate to contact me directly at (603) 773-6510 if you need additional information or have any questions regarding the matters discussed above.

Yours truly,

Laurence M. Brock
Controller
(Enclosures)
cc: Ms. Meredith Hatfield, Office of Consumer Advocate

# Unitil Corporation Retirement Plan 

Pension Expense and Financial
Disclosure for the Fiscal Year Ended
December 31, 2009
and
Preliminary Net Periodic Pension
Cost for the Fiscal Year Ending
December 31, 2010

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## SECTION I

## ACTUARIAL CERTIFICATION

## Purpose of Report

This report presents the results of the financial disclosure information for the Until Corporation Retirement Plan for the fiscal year ended December 31, 2009 in accordance with the accounting requirements under Statements of Financial Accounting Standards Nos. 87, 88 and 158. The end of year liabilities are based on a $5.75 \%$ discount rate. In addition, we have calculated the preliminary FAS 87 Net Periodic Pension Cost (Expense) for the fiscal year ending December 31. 2010. This amount can be considered final, unless there are any material changes affecting the Plan during the current fiscal year such as a change in the benefits provided or a significant change in the covered population or contributions to the Plan, which may require a remeasurement for the changes. Section II contains a summary of the results of the disclosure report.

## Methodology

The actuarial assumptions were selected by the company subject to the concurrence of its auditors. Plan asset information is summarized in Section VII. Census data is summarized in Sections VIII and IX. The Actuarial Assumptions are summarized in Section X. The Plan Provisions are summarized in Section XI.

## Actuarial Certification of Assumptions and Methods

This report has been prepared in accordance with generally accepted actuarial principles and practices. The accounting calculations in the report are consistent with our understanding of the provisions of FAS Nos. 87, 88 and 158.


Francis P. Carberry, F.S.A., E.A., M.A.A.A.
February 4, 2010

Vice President, Senior Consulting Actuary
Enrollment Number: 08-05393
Phone: (617) 663-1215
Email: fcarberry@divinvest.com


February 4, 2010

Peer Review by: Greg Schlappich, A.S.A., E.A., M.A.A.A.
Date
Vice President, Senior Consulting Actuary
Phone: (415) 983-5423
Email: gschlappich@divinvest.com

## SECTION II

## PRINCIPAL RESULTS

| A. Comparative Summary of Disclosure | December 31, 2009 |  | December 31, 2008 |  |
| :---: | :---: | :---: | :---: | :---: |
| (1) Projected benefit obligation | \$ | 79,288,037 | \$ | 70,385,658 |
| (2) Fair value of plan assets |  | 47,082,101 |  | 39,123,338 |
| (3) Funded status |  | $(32,205,936)$ |  | $(31,262,320)$ |
| (4) Accumulated other comprehensive income |  | 43,652,791 |  | 42,519,946 |
| (5) Net amount recognized |  | 11,446,855 |  | 11,257,626 |
| (6) Market-related value of assets |  | 50,945,718 |  | 52,993,589 |
| (7) Final net periodic pension cost |  | 4,037,571 |  | 2,782,309 |
| (8) Accumulated benefit obligation | \$ | 68,974,762 | \$ | 61,118,127 |
| (9) Discount rate |  | 5.75\% |  | 6.25\% |
| B. Comparative Summary of Net Periodic Pension Cost | Fiscal Year Ending December 31, 2010 |  | Fiscal Year Ending December 31, 2009 |  |
| (1) Net periodic pension cost | \$ | 5,543,470 | \$ | 4,037,571 |
| (2) Discount rate |  | 5.75\% |  | 6.25\% |

## SECTION III

## FAS 158 DISCLOSURE

A. Change in Projected Benefit Obligation(1) Projected benefit obligation at beginning of year(2) Service cost(3) Interest cost

| Fiscal Year Ending <br> December 31, 2009 | Fiscal Year Ending <br> December 31, 2008 |  |  |
| ---: | ---: | ---: | ---: |
| $\$ \$$ | $70,385,658$ | $\$$ | $64,429,201$ |
| $2,282,287$ |  | $1,978,617$ |  |
|  | $4,294,221$ |  | $3,799,685$ |

(4) Participant contributions(5) Plan amendments
00
(6) Acquisitions/divestitures ..... 04,442,361(7) Exchange rate changes00
(8) Curtailment (gain) or loss $(599,750)$ ..... 0(9) Settlement (gain) or loss$0 \quad 0$(10) Special termination benefits$0 \quad 0$
(11) Benefits paid$(3,741,701)$$(2,796,364)$(12) Settlement payments00(13) Actuarial (gain) or loss(14) Projected benefit obligation at end of year
B. Change in Plan Assets
$\left.\begin{array}{lrrrr}\text { (1) } & \text { Fair value of plan assets at beginning of year } & \$ & 39,123,338 & \$\end{array}\right) 52,162,1079$ (15,542,405)
C. Funded Status at End of Year: $B(10)-A(14)$

## SECTION III

## FAS 158 DISCLOSURE

(conlinued)
D. Amounts Recognized in the Statement of

Financial Position Consist of:
(1) Noncurrent assets
(2) Current liabilities
(3) Noncurrent liabilities
(4) Total
E. Amounts Recognized in Accumulated Other Comprehensive Income (AOCI) Consist of:
(1) Net (gain) or loss
(2) Prior service cost
(3) Transition (asset) obligation
(4) Accumulated other comprehensive income
F. Accumulated Benefit Obligation
G. Components of Net Periodic Pension Cost

| (1) Service cost | $\$$ | $2,282,287$ |
| :--- | ---: | ---: |
| (2) Interest cost | $4,294,221$ | $1,978,617$ |
| (3) Expected return on plan assets | $(4,431,586)$ | $3,799,685$ |
| (4) Amortization of transition (asset) or obligation | 0 | $(4,390,241)$ |
| (5) Amortization of prior service cost | 263,530 | 0 |
| (6) Amortization of net (gain) or loss | $1,597,520$ | 119,477 |
| (7) Curtailment (gain) or loss | 31,599 | $1,274,771$ |
| (8) Settlement (gain) or loss | 0 | 0 |
| (9) Special termination benefits | $\$ 10$ | 0 |
| (10) Net periodic pension cost | $\$$ | $4,037,571$ |


| Fiscal Year Ending <br> December 31, 2009 |  | Fiscal Year Ending <br> December 31, 2008 |  |
| :---: | :---: | :---: | :---: |
| $\$$ | 0 | $\$$ | 0 |
|  | 0 | 0 |  |


| $41,618,862$ | $\$$ | $40,190,888$ |
| ---: | ---: | ---: |
| $2,033,929$ | $2,329,058$ |  |
| 0 | 0 |  |


| $\$ \frac{43,652,791}{\$}$ | $\$ 042,519,946$ |  |
| :--- | :--- | :--- | :--- |
| $\$ 68,974,762$ | $\$$ | $61,118,127$ |



## SECTION III

## FAS 158 DISCLOSURE

(continued)
H. Other Changes in Plan Assets and Benefit Obligations Recognized in Other Comprehensive Income (OCI)
(1) Net (gain) or loss
(2) Prior service cost
(3) Amortization of prior service cost
(4) Amortization of transition (asset) or obligation
(5) Total recognized in other comprehensive income
(6) Total recognized in net periodic benefit cost and OCI
I. Estimated Amortizations from the AOCl into Net Periodic Pension Cost Over the Next Fiscal Year
(1) Amortization of net (gain) or loss
(2) Amortization of prior service cost
(3) Amortization of transition (asset) or obligation

| Fiscal Year Ending December 31, 2009 | Fiscal Year Ending December 31, 2008 |  |
| :---: | :---: | :---: |
| \$ 1,427,974 | \$ | 17,190,033 |
| 0 |  | 1,942,361 |
| $(295,129)$ |  | $(119,477)$ |
| 0 |  | 0 |
| 1,132,845 |  | 19,012,917 |
| \$ 5,170,416 | \$ | 21,795,226 |


| $\$$ | $2,405,358$ | $\$$ | $1,597,520$ |
| :--- | ---: | :--- | ---: |
|  | 253,340 |  | 263,530 |
| $\$$ | 0 | $\$$ | 0 |

## SECTION III

## FAS 158 DISCLOSURE

(continued)
Fiscal Year Ending Fiscal Year Ending
December 31, 2009 December 31, 2008

Weighted-average assumptions used to determine benefit obligations

Measurement date
December 31, 2009
December 31, 2008
Discount rate
Rate of compensation increase
5.75\%
$6.25 \%$
3.50\%
$3.50 \%$
Weighted-average assumptions used to determine net periodic pension cost

Measurement date
December 31, 2008
December 31, 2007
Discount rate
Expected long-term rate of return on plan assets
$6.25 \%$ $6.00 \%$
8.50\% 8.50\%

Rate of compensation increase
3.50\%
3.50\%

| Plan Assets | Target Allocation | Percentage of Plan Assets at December 31 |  |
| :---: | :---: | :---: | :---: |
| Asset Category | 2010 | 2009 | 2008 |
| Equity Securities | 57\% | 59\% | 54\% |
| Debt Securities | 43\% | 40\% | 35\% |
| Real Estate | 0\% | 0\% | 0\% |
| Other | $0 \%$ | 1\% | 11\% |
| Total |  | 100\% | 100\% |


| Cash Flows |  |  |  |
| :--- | :--- | :--- | :--- |
| Contributions |  | Employer | Participants |
|  | $\$$ | $2,800,000$ | $\$$ |
| 2008 | $\$$ | $4,226,800$ | $\$$ |
| Expected 2010 | $\$$ | 0 | 0 |
| Benefit Payments |  |  |  |
| 2008 | $\$$ | $2,796,364$ |  |
| 2009 | $\$$ | $3,741,701$ |  |
| Estimated Future Benefit Payments |  |  |  |
| 2010 | $\$$ | $3,584,848$ |  |
| 2011 | $\$$ | $3,685,256$ |  |
| 2012 | $\$$ | $3,906,132$ |  |
| 2013 | $\$$ | $4,138,428$ |  |
| 2014 | $\$$ | $4,375,617$ |  |
| Years 2015-2019 | $\$$ | $25,368,881$ |  |

## SECTION IV <br> RECONCILLATION OF NET AMOUNT RECOCNIZED

(1) Net amount recognized at end of prior year
(2) Net periodic pension cost for the fiscal year
(3) Contributions paid during the fiscal year
(4) Net amount recognized at end of current year $(1)-(2)+(3)$

Fiscal Year Ending Fiscal Year Ending

December 31, 2009
\$ 11,257,626
4,037,571
$4,226,800$
\$ 11,446,855 December 31, 2008
\$ 11,239,935
2,782,309
$2,800,000$
$\$ 11,257,626$

## SECTION V

## DEVELOPMENT OF PRELIMINARY NET PERIODIC PENSION COST

The following calculations were performed in accordance with Statement No. 87 of the Financial Accounting Standards Board (FAS 87) and may be used for purposes of reporting pension cost. The net periodic pension cost, as required and calculated under FAS 87 will be charged against income, and it will also be disclosed in a footnote to the Company's financial statements.

Actuarial computations under FAS 87 are for purposes of fulfilling employer financial accounting requirements. Determinations for purposes other than meeting employer financial accounting requirements may be significantly different from the results reported herein.

## A. Net Periodic Pension Cost

| Preliminary | Final |
| :---: | :---: |
| Fiscal Year Ending | Fiscal Year Ending |
| December 31, 2010 | December 31, 2009 |


| (1) | Service cost | \$ | 2,608,471 | \$ | 2,282,287 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (2) | Interest cost |  | 4,457,438 |  | 4,294,221 |
| (3) | Expected return on assets |  | 4,181,137 |  | 4,431,586 |
| (4) | Amortization of transition (asset) or obligation from item B |  | 0 |  | 0 |
| (5) | Amortization of prior service cost from item $C$ |  | 253,340 |  | 263,530 |
| (6) | Recognition of (gain) or loss from item D(13) |  | 2,405,358 |  | 1,597,520 |
| (7) | Curtailment (gain) or loss |  | $N / A$ |  | 31,5991 |
| (8) | Net periodic pension cost: $(1)+(2)-(3)+(4)+(5)+(6)+(7)$ | S | 5,543,470 | \$ | 4,037,571 |

[^2]
## SECTION V <br> DEVELOPMENT OF PRELIMINARY NET PERIODIC PENSION COST (continued)

B. Amortization of Transition (Asset) or Obligation

None.
C. Amortization of Prior Service Cost

| Date Established |  | recognized <br> Amount <br> mber 31, 2009 | Remaining Years in Amortization Period | Amount to be Recognized During 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| May 1, 1998 | \$ | 197,472 | 2.23 | \$ | 89,260 |
| June 1, 2000 |  | $(27,375)$ | 5.42 |  | $(5,051)$ |
| January 1, 2002 |  | 22,748 | 6.00 |  | 3,791 |
| June 1, 2005 |  | 68,966 | 8.42 |  | 8,192 |
| December 1, 2008 |  | 1,772,118 | 11.28 |  | 157,148 |
|  | \$ | 2,033,929 |  | \$ | 253,340 |

## SECTION V

## DEVELOPMENT OF PRELIMINARY NET PERIODIC PENSION COST <br> (continued)

## D. Development and Recognition of (Gain) or Loss

(1) Projected benefit obligation ..... \$ 79,288,037
(2) Fair value of assets ..... $47,082,101$
(3) Unrecognized transition (asset) or obligation(4) Unrecognized prior service cost2,033,929
(5) (Accrued) or prepaid pension expense ..... $11,446,855$
(6) Unrecognized (gain) or loss: (1) - (2) - (3) - (4) + (5) ..... 41,618,862
(7) (Gain) or loss not reflected in market-related value
(a) Fair value of assets ..... 47,082,101
(b) Market-related value of assets ..... 50,945,718
(c) Amount not reflected in market-related value of assets: (a) - (b) ..... $(3,863,617)$
(8) (Gain) or loss subject to amortization: (6) + (7)(c) ..... 37,755,245
(9) Greater of (1) or (7)(b) ..... 79,288,037
(10) $10 \%$ of (9) ..... 7,928,804
(11) (Gain) or loss, subject to recognition: excess of absolute value of (8) over (10), not less than zero \$ 29,826,441
(12) Average future service of plan participantscxpected to receive benefits
(13) Amount to recognize for the year: (11) $\div(12)$ ..... § $2,405,358$12.40 years
Fiscal Year Ending
December 31, 2010

## SECTION VI

## QUARTERLY NET PERIODIC PENSION COST

(3) Expected return on assets $1,045,284$

Quarterly Net Periodic Pension Cost
(1) Service cost
(2) Interest cost
(4) Net amortizations
(5) Quarterly net periodic pension cost: $(1)+(2)-(3)+(4)$

Fiscal Year Ending
December 31, 2010
\$ 652,118
1,114,359 664,675
$\$ 1,385,868$

## SECTION VII

## DEVELOPMENT OF MARKET-RELATED VALUE OF ASSETS

(1) Fair value as of January 1, 2009
(2) Contributions
(3) Interest on (1) and (2), at $8.50 \%$ per annum
(4) Benefit payments
(5) Interest on (4), at $8.50 \%$ per annum
$\$ 39,123,338$
4,226,800 $3,460,010$
$(3,741,701)$
(155,779)
(6) Expected fair value of assets as of January 1, 2010
42,912,668
(7) Actual fair value of assets as of January 1, 2010 $47,082,101$
(8) (Gain) or Loss for 2009 plan year: (6) - (7)
$(4,169,433)$
(9) Adjustment to Market Value
(a)
(b)
(c)
Amount not yet
Recognized:

| Year |  | (Gain)/Loss |
| :--- | :--- | :--- |
|  |  |  |
| 2009 |  | $\$(4,169,433)$ |
| 2008 |  | $19,929,717$ |

Fraction not yet
Recognized
2/3
$1 / 3$
(10) Market-related value of assets as of January 1, 2010: (7) + (9)(c)
(a) $x$ (b)
\$ $(2,779,622)$
6,643,239
$\$ 3,863,617$
\$ 50,945,718

## SECTION VIII

## KECONCILIATION OF PLAN PARTICIPANTS

|  | Active Plan Members | Plan Members with Deferred Benefits | Plan <br> Members Receiving Benefits | Total <br> Number of Plan Members |
| :---: | :---: | :---: | :---: | :---: |
| As of January 1, 2008 | 290 | 153 | 232 | 675 |
| New entrants | 69 | N/A | N/A | 69 |
| Rehires | 2 | (2) | 0 | 0 |
| Terminations with vesting | (9) | 9 | N/A | 0 |
| 'Terminations without vesting | (10) | N/A | N/A | (10) |
| Retirements | (7) | (9) | 16 | 0 |
| Disability retirements | (2) | 0 | 2 | 0 |
| Lump sums paid | 0 | 0 | 0 | 0 |
| Deaths | (1) | 0 | (14) | (15) |
| Survivors (with benefits) | N/A | 0 | 3 | 3 |
| Expiration of benefits | N/A | N/A | 0 | 0 |
| Transfers in | 77 | N/A | N/A | 77 |
| Transfers out | 0 | 0 | N/A | 0 |
| Adjustments | 0 | 0 | 1 | 1 |
| Net change | 119 | (2) | 8 | 125 |
| As of January 1, 2009 | 4091 | 151 | 240 | 800 |

[^3]
# SECTION IX <br> AGE/SERVICE DISTRIBUTION <br> OF ACTIVE PLAN PARTICIPANTS <br> (as of January 1, 2009) 

Completed Years of Credited Service

|  | 0 | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | to | to | to | to | to | to | to | to | to | 40 |  |
| Age | 1 | 4 | $\underline{9}$ | 14 | 19 | 24 | 29 | 34 | 39 | $\pm$ | Total |
| 0-24 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 25-29 | 7 | 6 | 4 | 0 | $1)$ | 0 | 0 | 0 | 0 | 0 | 17 |
| 30-34 | 9 | 6 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 35-39 | 14 | 7 | 11 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 39 |
| 40-44 | 8 | 8 | 17 | 15 | 9 | 9 | 1 | 0 | 0 | 0 | 67 |
| 45-49 | 14 | 6 | 13 | 24 | 9 | 26 | 8 | 1 | 0 | 0 | 101 |
| 50-54 | 12 | 4 | 9 | 9 | 9 | 6 | 7 | 4 | 0 | 0 | 60 |
| 55-59 | 8 | 3 | 7 | 7 | 4 | 9 | 4 | 5 | 9 | 2 | 58 |
| 60-64 | 3 | 2 | 4 | 7 | 1 | 8 | 1 | 0 | 5 | 2 | 33 |
| 65-69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| $70 \& U p$ | 1 | $\underline{0}$ | 0 | 1 | $\underline{0}$ | 0 | 0 | $\underline{0}$ | 0 | $\underline{0}$ | 2 |
| Totals | 81 | 42 | 72 | 73 | 33 | 58 | 21 | 10 | 14 | 5 | 409 |

## SECTION X

## ACTUARIAL COST METHOD AND ACTUARIAL ASSUMPTIONS

## A. ACTUARIAL COST METHOD

The actuarial cost method used to calculate the costs and liabilities of the plan is the Projected Unit Credit Actuarial Cost Method. Under this method, the service cost and projected benefit obligation (PBO) are both based on an accrual of projected benefits over the period for which benefits are accrued. The service cost is the actuarial present value of one year's benefit accrual on this basis. The PBO for active participants is the actuarial present value of the projected benefit times the ratio of past service to total service. The PBO for retired and terminated vested participants is equal to the actuarial present value of the accrued benefit.

## B. ASSET VALUATION METHOD

The market-related value of assets is equal to the market value of plan assets as of the end of the prior plan year adjusted for unrealized and realized gains (losses) phased in over a three year period.

## C. VALUATION PROCEDURES

The valuation is based on employee and financial data provided by the company and trustee, respectively, and summarized in this report. A plan's actuary would not customarily verify this data. We have reviewed the information for internal consistency and we have no reason to doubt its substantial accuracy.

All employees who are participants in the plan on the valuation date are included in the actuarial valuation.
D. ACTUARIAL ASSUMPTIONS (as of December 31, 2009 Measurement Date)

Principal Rates
Discount rate $\quad 5.75 \%$ (previously, 6.25\%).
Expected long-term rate of
return on assets 8.50 , (unchanged).
Compensation increases $\quad \mathbf{3 . 5 0 \%}$ (unchanged).
IRC maximum benefit and compensation limitation increases $\quad 3.00 \%$ (unchanged).

Wage base increases
$3.00 \%$ (unchanged).
Pre- and Post-Retirement Mortality $\quad 2009$ static mortality table in accordance with IRS Regulation 1.430(h)(3)-1 (previously, the 2008 table).

## SECTION X <br> ACTUARIAL COST METHOD AND ACTUARIAL ASSUMPTIONS (continued)

D. ACTUARIAL ASSUMPTIONS (cont'd)

Withdrawal Rates
Sample probabilities are as follows:

| Age | Male | Female |
| :---: | :---: | :---: |
| 25 | $9.9 \%$ | $14.9 \%$ |
| 30 | 6.9 | 9.9 |
| 35 | 4.9 | 6.9 |
| 40 | 2.8 | 4.9 |
| 45 | 1.7 | 2.8 |
| 50 | 0.4 | 1.7 |
| 55 | 0.0 | 0.4 |

IRC Maximum Benefit and Compensation Limitations

Benefit Limit
Compensation Limit
Retirement Age

| \$195,000 for 2009 (previously, \$185,000). |  |  |  |
| :---: | :---: | :---: | :---: |
| \$245,000 for 2009 (previously, \$230,000). |  |  |  |
| Probabilities are as follows: |  |  |  |
| Rates of Non En | ment for ained ees | Rates of Barg Em | ment for Unit <br> ees |
| Age | Rate | Age | Rate |
| 55-59 | 2.0\% | 55-59 | 3.0\% |
| 60 | 10.0 | 60 | 12.0 |
| 61 | 5.0 | 61 | 7.0 |
| 62 | 50.0 | 62 | 50.0 |
| 63-64 | 7.5 | 63-64 | 10.0 |
| 65 | 100.0 | 65 | 100.0 |

## ACTUARIAL COST METHOD AND ACTUARIAL ASSUMPTIONS

(continued)

## D. ACTUARIAL ASSUMPTIONS (cont'd)

Disability Rates
1985 Wyatt Company Table of Incidence.
Sample probabilities are as follows:

|  | Age | Male | Female |
| :---: | :---: | :---: | :---: |
|  | 25 | . $093 \%$ | .096\% |
|  | 40 | . 314 | . 357 |
|  | 45 | . 505 | . 522 |
|  | 50 | . 830 | . 854 |
|  | 55 | 1.502 | 1.490 |
|  | (Disalle study a | fc mortal | ates are |
| Form of Payment | Life an |  |  |
| Marital Assumption | It has married older th | assumed <br> Husbands <br> heir wive | $100 \%$ of assumed |
| Plan Expenses | None. |  |  |

## SECTION X <br> ACTUARIAL COST METHOD AND ACTUARIAL ASSUMPTIONS (continued)

## E. NORTHERN UTILITIES UNION ACTUARIAL ASSUMITIONS

| Compensation Increases | Age | Rate |
| :---: | :---: | :---: |
|  | $20-29$ | $6.5 \%$ |
| $30-34$ | $5.0 \%$ |  |
|  | $35-39$ | $4.5 \%$ |
|  | $10-49$ | $4.0 \%$ |
|  | 50 | $3.5 \%$ |

IRC Maximum Benefit and
Compensation Increases

| Wage Base Increases | $4.0 \%$ |
| :--- | :--- |
| Withdrawal Rates | Sample probabilities are as follows: |


|  | Probabilities are as follows: |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Retirement Age | $<25$ Years | $>25$ Years |  |  |  |
|  | Age | of Service | of Service |  |  |
|  | $55-59$ | $2 \%$ | $5 \%$ |  |  |
|  | $60-61$ | $5 \%$ | $30 \%$ |  |  |
|  | 62 | $25 \%$ | $30 \%$ |  |  |
|  | $63-34$ | $10 \%$ | $30 \%$ |  |  |
|  | 65 | $50 \%$ | $50 \%$ |  |  |
|  | 66 | $100 \%$ | $100 \%$ |  |  |

Marital Assumptions

Bencfit Form Election

| $<5$ years <br> of Service |  | $>5$ Years <br> of Service |
| :---: | :---: | :---: |
| $14 \%$ |  | $7 \%$ |
| $12 \%$ |  | $6 \%$ |
| $8 \%$ |  | $4 \%$ |
| $5 \%$ |  | $2.5 \%$ |
| $4 \%$ |  | $2 \%$ |
| $3 \%$ |  | $1.5 \%$ |
| $0 \%$ |  | $0 \%$ |

Probabilities are as follows:

Is has been assumed that $80 \%$ of all participants are married. Husbands are assumed to be three years older than their wives.

It has been assumed that $30 \%$ elect an annuity and $70 \%$ elect a lump sum payment upon termination.

## SECTION XI

## SUMMARY OF PLAN PROVISIONS

## All Divisions Other Than Northern Utilities/Granite State Union

## Effective Date

## Eligibility

## Credited Service

Primary Social Security Benefit

Annual Wages

January 1, 1985. Amended and restated generally effective May 1, 1998. Most recent amendment effective December 31,2009.

All employees hired before January 1, 2010 shall become participants in the plan on the first day of the month following completion of three months of service. Employces hired on or after January 1, 2010 are not eligible to participate in the Plan.

All non-union employees participating in the Plan as of December 31, 2009 were given a choice to continue participation in the Plan or have their benefit frozen as of December 31, 2009 and accrue future benefits outside the Plan. Participants who elected to freeze their benefits are still considered active participants of the Plan. Though their benefits under the Plan will not increase, they will have the opportunity to earn additional Vesting Service.

Onc year of service is given for each calendar year in which a participant completes 1,000 hours.

Non-union Northern Utilities \& Granite State employees will earn credit service for benefit accrual purposes effective December 1, 2008. Service prior to December 1, 2008 will be granted for vesting and eligibility purposes only.

Social Security benefits calculated for purposes of determining plan bencfits are based on the Social Security Act in effect on December 31, 1970, current average monthly wages, and no future earnings after termination.

Total wages inclusive of "sick pay" but excluding overtime, bonuses, supplementary incentive compensation payments and other non-recurring compensation. For commission salesmen, total wages include $75 \%$ of commissions earned during a plan year.

## SECTION XI

## SUMMARY OF PLAN PROVISIONS

(continued)

## All Divisions Other Than Northern Utilities/Granite State Union (ront'd)

Average Monthly Wages

Normal or
Deferred Retirement

## Form of Payment

Highest 60 consecutive months of aggregate Annual Wages within the last 20 years.

Employees who have attained age 65 with five years of service may retire and are eligible for the normal retirement benefit.

The normal retirement benefit is equal to a percentage (calculated below) of the employee's average monthly wages reduced by $50 \%$ of the Primary Social Security Benefit. The percentage of average monthly wages is the sum of:
(i) $2 \%$ for each of the first 20 years of credited service, plus,
(ii) $1 \%$ for each of the next 10 years of credited service, plus,
(iii) $1 / 2 \%$ for each year of credited service in excess of 30 years.

The minimum monthly pension payable at normal retirement date is the greater of (a) $\$ 100$ or (b) the emplovees' accrued benefit as of May 1, 1998 under the plan or any predecessor plan, as that term is defined in the plan document.

The benefit is paid monthly ceasing at the retired employee's death. However, the normal form of payment for a married employee is a reduced payment which allows for a continuation of payments to the spouse after the employee's death. Spousal consent is required in the case of a married employee electing a form of benefit other than a joint and survivor annuity with the spouse as the contingent annuitant.

## SECTION XI

## SUMMARY OF PLAN PROVISIONS

(continued)
All Divisions Other Than Northern Utilies/Cranite State Union (contd)

Early Retirement Date $\quad$| Employees with 15 or more years of credited |
| :--- |
| service earned subsequent to attaining age 18 who |
| have attained the age of 55 may retire at the |
| beginning of any month. |

Effective June 1,2005 , bargaining unit employees

may retire with an unreduced benefit if they have
attained age 55 , and the sum of age and credited
service is greater than or equal to 85.

## SECTION XI

## SUMMAKY OF PLAN PROVISIONS

icontinued)

All Divisions Other Than Northern ULilities/Granite State Union (cont'd)

Disabilitv Retirement (cont'd)

Pre-Retirement Death Benefit

For all employees (except for Titchburg Gas and Electric Light Company bargaining unit employees hired before June 1, 1985), the disability benefit commences on the employee's normal retirement date, and is based on the employee's average monthly wage at date of disability and on credited service that the employee had earned at his date of disability, plus credited service that he would have earned, had the employee not been disabled.

For Filchburg Gas and Electric Light Company bargaining unit employees hired before June 1, 1985, the disability benefit is calculated based on the terms of the predecessor plan applicable to such employees. The disability benefit determined for such employees is payable immediately, and continues until such employee's normal retirement date (or cessation of disability, if earlier). The benefit is adjusted annually while in pay status to reflect additional credited service that would have been earned had the employee not been disabled.

Each employee with five or more years of credited service who has not yet retired shall have a survivor annuity in effect for his or her spouse beginning the first day of the month following the employee's earliest retirement date.

## SECTION XI

## SUMMARY OF PLAN PROVISIONS

(continued)


#### Abstract

All Divisions Other Than Northern Utilities/Granite State Union (cont'd) Pre-Retirement Death Benefit (cont'd) The spouse shall receive an amount equal to $50 \%$ of the amount which the employee would have received if the employee had terminated employment the day prior to death, survived to their carliest retirement age, retired as of such date under a qualified joint and survivor annuity and died on the day after their earliest retirement age. The benefit formula is the same as for early retirement.

Employees who have retired under the terms of the plan but have not commenced receiving benefits at death, as well as employees who die while actively employed by the employer and after having completed at least 15 years of service, are eligible for an alternative minimum spouse benefit, the value of which will at least equal the value of the benefit described above.

An employee whose employment is terminated before death or retirement and who has five or more years of credited service earned subsequent to attaining age 18 is eligible for a vested deferred retirement benefit.

The benefit is calculated the same as for normal retirement. If the benefit commences prior to the employee's normal retirement date, the benefit prior to the Social Security benefit offset is reduced by $1 / 12 \%$ for each of the first 35 full calendar months between commencement of benefits and normal retirement date, $11 / 12 \%$ for each of the next 12 months, $5 / 12 \%$ for each of the next 12 montlis and $1 / 2 \%$ for each of the next 60 months.


Funding
The Einployer pays the entire cost of the plan.

## SECTION XI

## SUMMARY OF PLAN PROVISIONS

(continued)

## Northern Utilities/Granite State Union

## Benefit

Early Retirement
Northern Portland Union Employees: 1.25\% of Final Average Pay for each year of Credited Service (up to a maximum of forty-five (45) ycars). 'Final Average Pay' shall be calculated using an average of the highest three (3) years of Annual Wages in the ten (10) vears preceding the effective date of the Employet's employment termination up to a maximum of $\$ 50,000$.

Northern Portsmouth Union Employees: $1.25 \%$ of Final Average Pay for each year of Credited Service (up to a maximum of forty-five (45) years). 'Final Average I'ay' shall be calculated using an average of the highest three (3) years of Annual Wages in the ten (10) years preceding the effective date of the Employee's employment termination up to a maximum of $\$ 60,000$."

Early retirement benefits are available for a participant who has attained the age of fifty-five (55) years and completed ten (10) or more years of Credited Service.

Early Retirement reductions are as follows:
(a) If he has completed at least twenty-five (25) years of Credited Service and retires after the age of fifty-five (55) years and prior to the age of sixty ( 60 ) years, three tenths ( $3 / 10$ s) of 1 percent for each full month that the date such benefit is to commence precedes his sixtieth (60 th) birthday;
(b) If he has completed at least twenty-five (25) years of Credited Service and retires after the age of sixty (60) years, no reduction; or

## SECTION XI

## SUMMARY OF PLAN PROVISIONS

(continued)

## Northern Utilities/Granite State Union (cont'd)

## Early Retirement (cont'd)

## Social Security Supplement

Lump-Sum Option
(c) If he has completed less than twenty-five (25) years of Credited Service, three tenths (3/10) of 1 percent for each full month that the date such benefit is to commence precedes his Normal Retirement Date.
(d) If he terminated employment before age 55, five ninths ( $5 / 9$ ths) of 1 percent for each full month that the date on which such benefit is to commence precedes his Normal Retirement Date."

An Emplayee who has attained age sixty (60) but not age sixty-two (62) retires from active service, then his shall be increased, but only until such Employee reaches age sixty-two (62), by an amount equal to the smaller of (a) 2 percent of such Employee's Final Average Pay multiplied by his years of Credited Service (but not more than twenty-five (25) such years), or (b) the Primary Social Security Benefit to which such Employee would be entitled at age sixty-two (62).

Such supplemental benefit shall be payable in the form of a single life annuity regardless of the form in which the Employee's other benefits hereunder are payable, terminating upon death if the Employee dies before attaining age sixty-two (62), provided, however, that if he elects a single lump sum form of payment for his other benefits hereunder, the value of such supplemental benefit shall also be payable as a single lump sum.

An employee may elect a single lump sum upon termination or retirement in lieu of a monthly pension.
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Exhibit 2
Unitill Corporation Postrotirament Modital and Life Ins uranco Bonefits
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Unital Comporation Poatrotrement Medical and Lilo Insurance Bonefits
FAS 158 Disclosuro



Unitil Energy Systems,Inc.

Laurence M. Brock
Controller

August XX, 2010

Ms. Debra Howland, Executive Director and Secretary New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

Re: DE - 03-238 Unitil Energy Systems, Inc., PBOP Plan Report for Year Ended December 31, 2009

Dear Ms. Howland:
Enclosed for filing on behalf of Unitil Energy Systems, Inc. ("UES" or "Company") please find one copy each of trust statements (See Exhibits 1a, 1b and 1c), prepared for Unitil Corporation ("Unitil") by SEI Investments Management Company, Unitil's Post Retirement Benefits Other than Pension ("PBOP") plan investment manager, on the investment performance of Unitil Corporation's PBOP plan for the period ending December 31, 2009. There are three separate investment accounts for Unitil's PBOP Plan; (1) Unitil Non-Union Voluntary Employee Benefit Trust, (2) Unitil Union Voluntary Employee Benefit Trust and (3) Unitil Employee Health \& Welfare Benefits Plan (401H). Additionally, below is a discussion regarding the status of UES' PBOP plan (the "Plan") for the year ended December 31, 2009. Attached as Exhibit 2 is the 2009 year-end PBOP plan disclosure prepared by Unitil's actuary, Diversified Investment Advisors, Inc.

This information is being submitted pursuant to Commission Order No. 24,269 (dated January 30, 2004), "Petition for the Deferral of Post-Retirement Benefits Other than Pension, Order Nisi Approving Requested Accounting Treatment." The Commission Order requires UES to file an annual evaluation of the funding status of its Plan.

## Status of UES' PBOP Plan for the Year Ended December 31, 2009

## Projected Benefit Obligation and Funded Status:

The following table represents information on the Plan's Projected Benefit Obligation ("PBO") and its funded status as of December 31, 2009. The PBO includes expectations of future employee service.

## Corporate Office

6 Liberty Lane West
Hampton, NH 03842-1720
Phone: 603.773.6510
Fax: 603.773.6710
Email: brock@unitil.com

|  | UES |  | USC |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Projected Benefit Obligation (PBO) | \$ | $(7,914)$ | \$ | $(6,030)$ | \$ | $(13,944)$ |
| Fair Value of Plan Assets |  | 1,569 |  | 1,875 |  | 3,444 |
| Unfunded PBOP Obligation | \$ | $(6,345)$ | \$ | $(4,155)$ | \$ | $(10,500)$ |

The Company has recorded $\$ 10.5$ million on its balance sheet as a liability to reflect the underfunded status of the Pl an's retirement benefit obligations based on the projected benefit obligation. The Company has recognized a corresponding Regulatory Asset to recognize the future collection of these obligations in electric retail rates.

UES made contributions, including amounts allocated from Unitil Service Corp., in the amount of $\$ 1.0$ million to the Plan during 2009.

## PBOP Expense:

The following tables show the components of Net Periodic Postretirement Benefit Cost, (NPPBC), as well as the key actuarial assumptions used in determining the various PBOP plan values for 2009:

| Components of NPPBC (\$000's): | 2009 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | UES |  | USC |  | Total |  |
| Service Cost | \$ | 98 | \$ | 255 | \$ | 353 |
| Interest Cost |  | 509 |  | 237 |  | 746 |
| Expected Return on Plan Assets |  | (120) |  | (84) |  | (204) |
| Amortization of Prior Service Cost |  | 520 |  | 70 |  | 590 |
| Amortization of Transition Obligation |  | 9 |  | 2 |  | 11 |
| NPPBC | \$ | 1,016 | \$ | 480 | \$ | 1,496 |

To Determine Benefit Obligations at December 31, 2009:

| Discount Rate |  | $5.75 \%$ |
| :--- | :--- | :--- |
| Health Care Cost Trend Rate Assumed for Next Year | $\mathbf{7 . 5 0 \%}$ |  |
|  |  |  |
| To Determine NPPBC for the year ended December 31, 2009: |  |  |
| Discount Rate ${ }^{(1)}$ |  |  |
| Health Care Cost Trend Rate Assumed for Next Year | $\mathbf{6 . 2 5 \%}$ |  |

${ }^{(1)}$ As a result of changes to the PBOP Plan in September 2009, the Company was required to update the discount rate in determining the PBOP Plan costs for the remainder of 2009. Based on the market rates for long-term bonds at that time, the Company assumed a discount rate of $5.50 \%$ for the PBOP Plan from September through December 2009.

Please don't hesitate to contact me directly at (603) 773-6510 if you need additional information or have any questions regarding the matters discussed above.

Yours truly,

Laurence M. Brock
Controller
(Enclosures)
cc: Ms. Meredith Hatfield, Office of Consumer Advocate
SEI Private Trust Company
1 Freecom valley Drive P.O. Box 1100 Oaks, PA $19 \angle 56$
Exhibit la

UNITILL NON-UNION VOLUNTARY
EMPLOYEE BENEFIT TRUST
the market value for each asset herein is based upon the most recent price available at the time that
contact your sei account executive if you have questions
rearding the above items

## 



SEI Private Trust Company
1 Freedom valle，drive P．O．Eox 1190 Oaks．PA 19456

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SEI Private Trust Company
1 Freedom valley Drive PO. Box 1100 Oaks, PA 19455

|  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| shares/ par value | DESCRIPTION | cost value | MARKET VALUE | MARKET PRICE | percent of MARKET | yield <br> ON <br> MARKET |
| Equitr mutual funds |  |  |  |  |  |  |
| 5,928.3780 | SEI INSTL INVTS TR LARGE CAP INDEX FUND CLASS A LCIAX CUSIP: 783980857 | 595,247.37 | 588,294.12 | 95.860 | 40.89 | 2.63 |
| 15,231.5080 | SEI INTERNATIONAL EQUITY FUND \#281 SNTAX | 123.585.83 | 107,991.39 | 7.090 | 7.77 | B. 16 |
| CUSIP: 783880a00 |  |  |  |  |  |  |
| 9,857,9540 | $\begin{aligned} & \text { SEI SMALL CAP FUND (SIIT) \#287 } \\ & \text { SLPAX } \end{aligned}$ | 88,228.32 | 88,124.81 | 10. 180 | 7.08 | 1.11 |
| CUSIP: 783980709 |  |  |  |  |  |  |
| TOTAL | EquITY MUTUAL FUNDS | $817,061.52$ | 774,410.32 |  | 55.72 | 2.93 |
| FIXED INCOME MUTUAL FUNDS |  |  |  |  |  |  |
| OTHER ASSETS |  |  |  |  |  |  |
| 61,348. 1870 | SEI CORE FIXED INCOME FUND \#285 SCOAX | 594,871,15 | 815,322. 12 | 10.03 | 44.28 | 5.50 |
| CUSIP: 783880204 |  |  |  |  |  |  |
| total | OTHER ASSETS | 594,871.15 | 615,322.12 |  | 44.28 | 5.50 |
| total | FIXED income mutual funds | 594,871, 15 | 615,322.12 |  | 44.28 | 5.50 |

SEI Private Trust Company


ENDING ACCRUAL FOR PERIOD
ENDING MARKET VALUE

SEI Private Trust Company
1 Freedum Valley Drive P.O. Box 1100 Oaks, Pa .9456

## - $4 \rightarrow$ ?

> NUMBER

BEGINNIN

## NET CONTRIBUTIONS

TOTAL NET CONTRIBUTIONS NET BENEFIT PAYMENTS
total net benefit payments
 INVESTMENT ACTIVITY
INCOME EARNED
REALIZED GAIN (LOSS)
UNREALIZED GAIN (LOSS)
TOTAL INVESTMENT ACTIVITY

OTHER ACTIVITY
TOTAL OTHER ACTIVITY
NET CHANGE



### 0.00 $-703,808.87$

SEI Private Trust Company
1 Freedom Valley Drive P.O. Eox 1100 Oaks, PA 19456
ending market value

Exhibit 1b
WHITIL UNION VOLUNTARY EMPLOYE
BENEF IT TRUST


MR GEORGE E LONG, JR
WNIYIL CORPORATION
G IIBERTY LANE WEST
HAMPYON, NH O3B42
THE MARKET Value for each asset herein ls baseo upon the most recent price available at the tyme that
this statement was produceg. THIS STATEMENT WAS PRODUCED.

CONTACT YOUR SEI ACGOUNT EXECUTIVE IF YOU HAVE OUESTIONS
REGARDING THE ABOVE ITEMS







SE





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234.36 \\
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\end{array}
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## －29vd




, El Puivate Trust Company


Exhibit 1c

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& 6 \text { LIGERTY LANE WEST } \\
& \text { HAMPTON. NH } 03842
\end{aligned}
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SEI Private Trust Comoany
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## NET CONTRLBUTIONS

NET BENEFIT PAYMENTS
NET BENEFIT PAYMENTS
TOTAL NET EENEFIT PAYMENTS

TRUSTEE／CUSTODY／PAYMENT FEES
INVESTMENT MANAGEMENT FEES



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[^0]:    ${ }^{1}$ See Order No. 24, 107 (December 31, 2002).
    ${ }^{2}$ See Order No. 24, 269 (January 30, 2004).
    ${ }^{3}$ Although UES had gathered all of the information to make the necessary filings in August 2010, due to the ongoing discussions and the decision to deal with the issue as part of the DE 10-055 distribution rate case, the reports for DE 02-221 and DE 03-238 were not formally filed at that time. Subsequent to receipt of the instant filing in DE 11-176, I requested and received the August 2010 reports from UES via e-mail. For purposes of completing the record, I have attached the information from those reports to this memorandum (see Attachment 1 and Attachment 2).

[^1]:    ${ }^{4}$ See Docket No. DE 10-055, Exhibit \#7, November 5, 2010 Testimony of Steven E. Mullen at 38 and Transcript of March 3, 2011 Hearing at 45-46.

[^2]:    ${ }^{1}$ One time charge as a result of plan change in which certain participants opted to cease their future benefit accruals in favor of future benefits provided outside the Plan.

[^3]:    ${ }^{1}$ As of December 31, 2009, 77 participants elected to freeze benefit accruals under the Plan. Of these participants, 16 entered the Plan after January 1, 2009 and therefore are not reflected in the active participant count shown.

