1600 Pioneer Tower 888 SW Fifth Avenue Portland, Oregon 97204 503.221.1440 503.802.2168 FAX 503.972.3868 david.white@tonkon.com

July 28, 2008

Oregon Public Utility Commission
Attn: Filing Center
550 Capitol St. NE, Suite 215
P. O. Box 2148

Salem, Oregon 97308-2148
Re: DR 10, UE 88 and UM 989 - Bench Request

## Dear Clerk:

Pursuant to the Bench Request dated July 24, 2008, Portland General Electric Company attaches the electronic spreadsheets, with formulas intact, used to produce the results shown in PGE/6201 and PGE/6202.

Sincerely,


David F. White
DFW/ldh
Enclosure
cc (w/encs): DR 10, UE 88 and UM 989 Service Lists
001991100226\1096374 V001

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Reg. Assets -- Troj. Repl. Pow, AMAX, SAVE - 17 Years Collect Def. Power Costs Over 17 Years First Year Power Costs Net-Benefits
Reversal of $\$ 23,108$ of Disallowance
Reversal of $\$ 183,100$ SG Disallowance
Share SG-Related " $80 / 20$ "

Plant in Service
Collect Trojan Plant in Service Over 17 Years Collect Trojan Plant in Service Over 17 Years
Plant in Service - Return On Plant in Service - Recovery Of Collect Non-Plant in Service Trojan Over One Year
 のำสN N N
PGE Exhibit 6201
Dollars in $\$ 000$ s

| $(22,146)$ | $(10,164)$ | $(18,881)$ | $(87,319)$ | (22,146) | $(32,310)$ | (138,510) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $(15,798)$ | $(7,254)$ | $(13,474)$ | $(62,316)$ | $(15,798)$ | $(23,051)$ | $(98,841)$ |
| 10,517 | 6,447 | 12,580 | 72,336 | 10,517 | 16,965 | 101,881 |
| 10,344 | 5,368 | 10,475 | 60,230 | 10,344 | 15,712 | 86,417 |
| 5,854 | 2,958 | 5,598 | 27,489 | 5,854 | 8,812 | 41,898 |
| 13,370 | 6,939 | 13,539 | 77,848 | 13,370 | 20,308 | 111,695 |
| 5,221 | 2,396 | 4,452 | 20,587 | 5,221 | 7,618 | 32,657 |
| 8,100 | 2,635 | 4,018 | 22,894 | 8,100 | 10,735 | 37,647 |
| 10,217 | 5,303 | 10,347 | 59,494 | 10,217 | 15,520 | 85,361 |
| 1,054 | 547 | 1,068 | 6,140 | 1,054 | 1,602 | 8,809 |
| 1,220 | 633 | 1,235 | 7,103 | 1,220 | 1,853 | 10,192 |
| 512 | 266 | 518 | 2,980 | 512 | 777 | 4,276 |
| 827 | 429 | 837 | 4,814 | 827 | 1,256 | 6,907 |
| 1,439 | 747 | 1,458 | 8,381 | 1,439 | 2,186 | 12,024 |



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$$
\begin{aligned}
& \text { PGE Exhibit } 6202 \\
& \text { Dollars in } \$ 000 \mathrm{~s} \\
& \\
& \text { Start of Period } \\
& \text { End of Period } \\
& \text { Number of Months } \\
& \text { Docket } \\
& \text { Annual Revenue Requirement }(\$ 000) \\
& \text { Period Revenue Requirement }(\$ 000)
\end{aligned}
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## PGE Exhibit 6202

Dollars in $\mathbf{\$ 0 0 0 s}$

| Scenario Revenue Requirement: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Plant in Service - Return On | 5,221 | 2,396 | 4,452 | 20,587 | 5,221 | 7,618 | 32,657 |
| 2 | Plant in Service - Recovery Of | 8,100 | 2,635 | 4,018 | 22,894 | 8,100 | 10,735 | 37,647 |
| 3 | 150 Basis Pts. ROE Increase | 10,948 | 6,661 | 12,998 | 74,736 | 10,948 | 17,609 | 105,343 |
| 4 | 20\% STS (Based on SG, Return Foregone Net of Bdmn, Net of 26.8) | 2,010 | 1,043 | 2,035 | 11,702 | 2,010 | 3,053 | 16,790 |
| 5 | Collection of Trojan and 26.8, Net of Class. In-Service and Board., Over 17 Years | 6,903 | 3,583 | 6,991 | 40,196 | 6,903 | 10,486 | 57,673 |
| 6 | Reg. Assets (AMAX, SAVE, Troj Repl NVPC Over 3 Years) | 23,382 | 12,135 | 23,678 | 47,357 | 23,382 | 35,518 | 106,553 |
| 7 | Total Scenario Revenue Requirement Changes | 56,564 | 28,453 | 54,171 | 217,473 | 56,564 | 85,017 | 356,661 |
| 8 | Revenue Requirement per Rate Cases: |  |  |  |  |  |  |  |
| 9 | Trojan Revenue Requirement | 56,502 | 21,338 | 35,923 | 184,424 | 56,502 | 77,840 | 298,187 |
| 10 | Revenue Requirement Difference | 63 | 7,115 | 18,249 | 33,048 | 63 | 7,177 | 58,474 |
| 11 |  |  |  |  |  |  |  |  |
| 12 | Derivation of Balance Owed PGE@, 9/30/2000: |  |  |  |  |  |  |  |
| 13 | 80,200 Trojan Plant in Service Balance @ 4/1/1995 |  |  |  |  |  |  |  |
| 14 | (37,647) Recovery of Plant in Service Balance Over Period 04/01/95-09/30/00 |  |  |  |  |  |  |  |
| 15 | 58,474 Revenue Requirement Differential (Scenario Revenue Requirement | Trojan | enue Req | ment) |  |  |  |  |
| 16 | 21,578 |  |  |  |  |  |  |  |
| 17 | 175,639 04/01/95 Balance, Net of Boardman Gain and Plant in Service, with | toration |  |  |  |  |  |  |
| 18 | $(57,673)$ Payments on Net Trojan Balance Over Period 04/01/95-09/30/00 |  |  |  |  |  |  |  |
| 19 | 34,343 Remaining STS Balance 09/30/00 |  |  |  |  |  |  |  |
| 20 | 274,915 Balance Owed PGE @, 9/30/2000 |  |  |  |  |  |  |  |



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\vdots \\
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\end{gathered}
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$(E=A)$






PGE Exhibit 6202
Dollars in $\mathbf{\$ 0 0 0}$ s
Start of Period
End of Period
Number of Month
Docket
Annual Revenue
Period Revenue R
Annual Revenue Requirement (\$000)
Period Revenue Requirement (\$000)
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## Support for Lesh Testimony

## Combination 1

| Rate Period | Approved Revenue Requirement | Re-Calculated Revenue Requirement | Difference |
| :---: | :---: | :---: | :---: |
| UE 88 | 621,028 | 627,510 | 6,482 |
| UE 93 | 1,003,794 | 1,011,340 | 7,546 |
| UE 100 | 3,674,898 | 3,679,829 | 4,931 |
| Total | 5,299,719 | 5,318,678 | 18,959 |

## Combination 2

| Rate Period | Approved Revenue Requirement | Re-Calculated Revenue Requirement | Difference |
| :---: | :---: | :---: | :---: |
| UE 88 | 621,028 | 621,090 | 63 |
| UE 93 | 1,003,794 | 1,029,157 | 25,363 |
| UE 100 | 3,674,898 | 3,707,946 | 33,048 |
| Total | 5,299,719 | 5,358,194 | 58,474 |

Implied Debt Only Return Over 17 Years
Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance
Dollars in 000s

|  | Total | Equity | Debt |
| :---: | :---: | :---: | :---: |
| Period | Return | Return | Return |


|  |  |  |  |
| ---: | ---: | ---: | :--- |
| Apr-95 | 2,738 | 1,984 | 754 |
| May-95 | 2,724 | 1,974 | 750 |
| Jun-95 | 2,710 | 1,964 | 746 |
| Jul-95 | 2,697 | 1,954 | 743 |
| Aug-95 | 2,683 | 1,944 | 739 |
| Sep-95 | 2,669 | 1,934 | 735 |
| Oct-95 | 2,656 | 1,924 | 731 |
| Nov-95 | 2,642 | 1,914 | 728 |
| Dec-95 | 2,628 | 1,905 | 724 |
| Jan-96 | 2,637 | 1,913 | 724 |
| Feb-96 | 2,623 | 1,903 | 721 |
| Mar-96 | 2,610 | 1,893 | 717 |
| Apr-96 | 2,596 | 1,883 | 713 |
| May-96 | 2,582 | 1,873 | 709 |
| Jun-96 | 2,568 | 1,863 | 705 |
| Jul-96 | 2,555 | 1,853 | 702 |
| Aug-96 | 2,541 | 1,843 | 698 |
| Sep-96 | 2,527 | 1,833 | 694 |
| Oct-96 | 2,513 | 1,823 | 690 |
| Nov-96 | 2,500 | 1,813 | 686 |
| Dec-96 | 2,486 | 1,803 | 683 |
| Jan-97 | 2,472 | 1,793 | 679 |
| Feb-97 | 2,458 | 1,783 | 675 |
| Mar-97 | 2,444 | 1,773 | 671 |
| Apr-97 | 2,431 | 1,763 | 668 |
| May-97 | 2,417 | 1,753 | 664 |
| Jun-97 | 2,403 | 1,743 | 660 |
| Jul-97 | 2,389 | 1,733 | 656 |
| Aug-97 | 2,376 | 1,723 | 652 |
| Sep-97 | 2,362 | 1,713 | 649 |
| Oct-97 | 2,348 | 1,703 | 645 |
| Nov-97 | 2,334 | 1,693 | 641 |
| Dec-97 | 2,320 | 1,683 | 637 |
| Jan-98 | 2,307 | 1,673 | 634 |
| Feb-98 | 2,293 | 1,663 | 630 |
| Mar-98 | 2,279 | 1,653 | 626 |
| Apr-98 | 2,265 | 1,643 | 622 |
| May-98 | 2,252 | 1,633 | 618 |
| Jun-98 | 2,238 | 1,623 | 615 |
| Jul-98 | 2,224 | 1,613 | 611 |
| Aug-98 | 2,210 | 1,603 | 607 |
| Sep-98 | 2,197 | 1,593 | 603 |
| Oct-98 | 2,183 | 1,583 | 599 |
| Nov-98 | 2,169 | 1,573 | 596 |
| Dec-98 | 2,155 | 1,563 | 592 |
| Jan-99 | 2,141 | 1,553 | 588 |
| Feb-99 | 2,128 | 1,543 | 584 |
| Mar-99 | 2,114 | 1,533 | 581 |
| Apr-99 | 2,100 | 1,523 | 577 |
| May-99 | 2,086 | 1,513 | 573 |
| Jun-99 | 2,073 | 1,503 | 569 |
| Jul-99 | 2,059 | 1,493 | 565 |
|  |  |  |  |

Implied Debt Only Return Over 17 Years
Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance
Dollars in 000s

| Period | Total Return | Equity Return | Debt Return |
| :---: | :---: | :---: | :---: |
| Aug-99 | 2,045 | 1,483 | 562 |
| Sep-99 | 2,031 | 1,473 | 558 |
| Oct-99 | 2,018 | 1,463 | 554 |
| Nov-99 | 2,004 | 1,453 | 550 |
| Dec-99 | 1,990 | 1,443 | 547 |
| Jan-00 | 1,976 | 1,433 | 543 |
| Feb-00 | 1,962 | 1,423 | 539 |
| Mar-00 | 1,949 | 1,413 | 535 |
| Apr-00 | 1,935 | 1,403 | 531 |
| May-00 | 1,921 | 1,393 | 528 |
| Jun-00 | 1,907 | 1,384 | 524 |
| Jul-00 | 1,894 | 1,374 | 520 |
| Aug-00 | 1,880 | 1,364 | 516 |
| Sep-00 | 1,866 | 1,354 | 512 |
| Oct-00 | 1,852 | 1,344 | 509 |
| Nov-00 | 1,838 | 1,334 | 505 |
| Dec-00 | 1,825 | 1,324 | 501 |
| Jan-01 | 1,811 | 1,314 | 497 |
| Feb-01 | 1,797 | 1,304 | 494 |
| Mar-01 | 1,783 | 1,294 | 490 |
| Apr-01 | 1,770 | 1,284 | 486 |
| May-01 | 1,756 | 1,274 | 482 |
| Jun-01 | 1,742 | 1,264 | 478 |
| Jul-01 | 1,728 | 1,254 | 475 |
| Aug-01 | 1,715 | 1,244 | 471 |
| Sep-01 | 1,701 | 1,234 | 467 |
| Oct-01 | 1,687 | 1,224 | 463 |
| Nov-01 | 1,673 | 1,214 | 460 |
| Dec-01 | 1,659 | 1,204 | 456 |
| Jan-02 | 1,646 | 1,194 | 452 |
| Feb-02 | 1,632 | 1,184 | 448 |
| Mar-02 | 1,618 | 1,174 | 444 |
| Apr-02 | 1,604 | 1,164 | 441 |
| May-02 | 1,591 | 1,154 | 437 |
| Jun-02 | 1,577 | 1,144 | 433 |
| Jul-02 | 1,563 | 1,134 | 429 |
| Aug-02 | 1,549 | 1,124 | 425 |
| Sep-02 | 1,536 | 1,114 | 422 |
| Oct-02 | 1,522 | 1,104 | 418 |
| Nov-02 | 1,508 | 1,094 | 414 |
| Dec-02 | 1,494 | 1,084 | 410 |
| Jan-03 | 1,480 | 1,074 | 407 |
| Feb-03 | 1,467 | 1,064 | 403 |
| Mar-03 | 1,453 | 1,054 | 399 |
| Apr-03 | 1,439 | 1,044 | 395 |
| May-03 | 1,425 | 1,034 | 391 |
| Jun-03 | 1,412 | 1,024 | 388 |
| Jul-03 | 1,398 | 1,014 | 384 |
| Aug-03 | 1,384 | 1,004 | 380 |
| Sep-03 | 1,370 | 994 | 376 |
| Oct-03 | 1,356 | 984 | 373 |
| Nov-03 | 1,343 | 974 | 369 |
| Dec-03 | 1,329 | 964 | 365 |

Implied Debt Only Return Over 17 Years
Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance
Dollars in 000s

| Period | Total Return | Equity Return | Debt Return |
| :---: | :---: | :---: | :---: |
| Jan-04 | 1,315 | 954 | 361 |
| Feb-04 | 1,301 | 944 | 357 |
| Mar-04 | 1,288 | 934 | 354 |
| Apr-04 | 1,274 | 924 | 350 |
| May-04 | 1,260 | 914 | 346 |
| Jun-04 | 1,246 | 904 | 342 |
| Jul-04 | 1,233 | 894 | 339 |
| Aug-04 | 1,219 | 884 | 335 |
| Sep-04 | 1,205 | 874 | 331 |
| Oct-04 | 1,191 | 864 | 327 |
| Nov-04 | 1,177 | 854 | 323 |
| Dec-04 | 1,164 | 844 | 320 |
| Jan-05 | 1,150 | 834 | 316 |
| Feb-05 | 1,136 | 824 | 312 |
| Mar-05 | 1,122 | 814 | 308 |
| Apr-05 | 1,109 | 804 | 304 |
| May-05 | 1,095 | 794 | 301 |
| Jun-05 | 1,081 | 784 | 297 |
| Jul-05 | 1,067 | 774 | 293 |
| Aug-05 | 1,054 | 764 | 289 |
| Sep-05 | 1,040 | 754 | 286 |
| Oct-05 | 1,026 | 744 | 282 |
| Nov-05 | 1,012 | 734 | 278 |
| Dec-05 | 998 | 724 | 274 |
| Jan-06 | 985 | 714 | 270 |
| Feb-06 | 971 | 704 | 267 |
| Mar-06 | 957 | 694 | 263 |
| Apr-06 | 943 | 684 | 259 |
| May-06 | 930 | 674 | 255 |
| Jun-06 | 916 | 664 | 252 |
| Jul-06 | 902 | 654 | 248 |
| Aug-06 | 888 | 644 | 244 |
| Sep-06 | 874 | 634 | 240 |
| Oct-06 | 861 | 624 | 236 |
| Nov-06 | 847 | 614 | 233 |
| Dec-06 | 833 | 604 | 229 |
| Jan-07 | 819 | 594 | 225 |
| Feb-07 | 806 | 584 | 221 |
| Mar-07 | 792 | 574 | 217 |
| Apr-07 | 778 | 564 | 214 |
| May-07 | 764 | 554 | 210 |
| Jun-07 | 751 | 544 | 206 |
| Jul-07 | 737 | 534 | 202 |
| Aug-07 | 723 | 524 | 199 |
| Sep-07 | 709 | 514 | 195 |
| Oct-07 | 695 | 504 | 191 |
| Nov-07 | 682 | 494 | 187 |
| Dec-07 | 668 | 484 | 183 |
| Jan-08 | 654 | 474 | 180 |
| Feb-08 | 640 | 464 | 176 |
| Mar-08 | 627 | 455 | 172 |
| Apr-08 | 613 | 445 | 168 |
| May-08 | 599 | 435 | 165 |

Implied Debt Only Return Over 17 Years
Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance
Dollars in 000s

| Period | Total |  |
| :---: | ---: | ---: | ---: |
| Return |  |  | | Equity |
| :---: |
| Return |$\quad$| Debt |
| :---: |
| Return |

Net Trojan Plant Investment
From 3/31/1995 through 9/30/2000

| Trojan Investment | $\qquad$ | UE-88 Write-Off | UE-88 Write-Off Net Benefit Test | After <br> UE-88 Write-off 3/31/1995 | 12/31/1995 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| FAS 90 Assets |  |  |  |  |  |
| Net FAS 90 Balance | 345,353,482.72 | - | (22,773,056.00) | 322,580,426.72 | 301,023,140.45 |
| Change in FAS 90 Balance (Amortization) | N/A |  |  | (22,773,056.00) | (21,557,286.27) |

FAS 71 Assets

| Inspection and Plugging | $15,160,208.00$ | $(15,160,208.00)$ |  | - | - |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Sleeving Costs | $9,658,701.00$ | $(9,658,701.00)$ |  | - | - |
| Reactor Coolant Pump | $2,162,144.00$ | $(2,162,144.00)$ |  | - |  |
| Other FAS 71 Assets | $21,637,002.27$ |  | $(4,054,994.00)$ | $17,582,008.27$ | - |
| Net FAS 71 Balance | $48,618,055.27$ | $(26,981,053.00)$ | $(4,054,994.00)$ | $17,582,008.27$ | - |
| Change in FAS 71 Balance (Amortization) | $\mathrm{N} / \mathrm{A}$ |  |  | $(31,036,047.00)$ | $(\mathbf{1 7 , 5 8 2 , 0 0 8 . 2 7 ) \text { Per Order 95-1216 }}$ |
| Net Trojan Investment | $\mathbf{3 9 3 , 9 7 1 , 5 3 7 . 9 9}$ | $\mathbf{( 2 6 , 9 8 1 , 0 5 3 . 0 0 )}$ | $\mathbf{( 2 6 , 8 2 8 , 0 5 0 . 0 0 )}$ | $\mathbf{3 4 0 , 1 6 2 , 4 3 4 . 9 9}$ | $\mathbf{3 0 1 , 0 2 3 , 1 4 0 . 4 5}$ |
| Change in Net Trojan Investment |  |  |  | $\mathbf{( 5 3 , 8 0 9 , 1 0 3 . 0 0 )}$ | $\mathbf{( 3 9 , 1 3 9 , 2 9 4 . 5 4 )}$ |


| Trojan Investment | $\mathbf{1 2 / 3 1 / 1 9 9 6}$ | $\mathbf{1 2 / 3 1 / 1 9 9 7}$ | $\mathbf{1 2 / 3 1 / 1 9 9 8}$ | $\mathbf{1 2 / 3 1 / 1 9 9 9}$ | $\mathbf{9 / 3 0 / 2 0 0 0}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| FAS 90 Assets |  |  |  |  |  |
| Net FAS 90 Balance | $275,460,218.15$ | $251,763,045.03$ | $229,202,119.88$ | $202,682,933.93$ | $180,485,808.72$ |
| Change in FAS 90 Balance (Amortization) | $(25,562,922.30)$ | $(23,697,173.12)$ | $(22,560,925.15)$ | $(26,519,185.95)$ | $(22,197,125.21)$ |

FAS 71 Assets
Inspection and Plugging
Sleeving Costs
Reactor Coolant Pump
Other FAS 71 Assets
Net FAS 71 Balance


Change in FAS 71 Balance (Amortization)

| Net Trojan Investment | $\mathbf{2 7 5 , 4 6 0 , 2 1 8 . 1 5}$ | $\mathbf{2 5 1 , 7 6 3 , 0 4 5 . 0 3}$ | $\mathbf{2 2 9 , 2 0 2 , 1 1 9 . 8 8}$ | $\mathbf{2 0 2 , 6 8 2 , 9 3 3 . 9 3}$ | $\mathbf{1 8 0 , 4 8 5 , 8 0 8 . 7 2}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Change in Net Trojan Investment | $(25,562,922.30)$ | $(23,697,173.12)$ | $(22,560,925.15)$ | $(26,519,185.95)$ | $(\mathbf{2 2 , 1 9 7 , 1 2 5 . 2 1 )}$ |

## Summary of UE-88 Trojan Write-Off ${ }^{1}$ In Dollars

|  | ```3/31/95 Balance Before UE-88 Write-Off``` |  | Write-Off Post 1991 <br> Expenditures |  | Write-Off <br> Additional $\$ 20.4$ million |  | 3/31/95 Balance <br> After UE-88 <br> Write-Off |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Trojan Investment (Pre-tax) | \$ | 393,971,538 | \$ | (26,981,053) | \$ | $(26,828,050)$ | \$ | 340,162,435 |
| Deferred Taxes | \$ | $(83,627,326)$ | \$ | 10,673,256 | \$ | 6,428,050 | \$ | $(66,526,020)$ |
| Trojan Investment Tax Credits | \$ | $(9,756,019)$ | \$ | - | \$ | - | \$ | (9,756,019) |
| Trojan Investment (After-tax) | \$ | 300,588,193 | \$ | $(16,307,797)$ | \$ | $(20,400,000)$ | \$ | 263,880,396 |

1: After the UE-88 write-off, the pre-tax balance of Trojan, $\$ 340.2$ million, was the remaining investment subject to amortization through 2011, consistent with Order 95-322.

## Trojan Balances for Scenarios

Dollars in 000s

| For 1 year Amort Scenario - Partial Restoration |  |
| :--- | ---: | ---: |
| Balance @ 4/1/1995 | 340,162 |
| Restoration of UE-88 Net Benefit Write-off | 23,108 |
| Net Trojan | 363,270 |

For 1 year Amort Scenario - Full Restoration
Balance @ 4/1/1995 340,162

Boardman Gain $(111,151)$
Plant in Service $(80,200)$
Restoration of UE-88 Net Benefit Write-off 26,828
Net Trojan
175,639

For 17 year Amort Scenario - Full Restoration
Balance @ 4/1/1995 340,162
Boardman Gain $(111,151)$
Plant in Service $(80,200)$
Restoration of UE-88 Net Benefit Write-off 26,828
Net Trojan 175,639

UE-88 Cost of Capital
Based on Order 95-322, Appendix F


| $45.44 \%$ | $46.47 \%$ |
| ---: | ---: |
| $5.42 \%$ | $4.67 \%$ |
| $49.14 \%$ | $48.86 \%$ |
| $100.00 \%$ | $100.00 \%$ |


|  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\circ} \\ & \stackrel{山}{\partial} \end{aligned}$ |  |
| :---: | :---: | :---: |
|  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{山} \\ & \stackrel{1}{3} \end{aligned}$ |  |


| $9.62 \%$ | $9.71 \%$ |
| ---: | ---: |
| $45.44 \%$ | $46.47 \%$ |
| $5.42 \%$ | $4.67 \%$ |
| $49.14 \%$ | $48.86 \%$ |
| $100.00 \%$ | $100.00 \%$ |

Plus 25 BP ROE


| $45.44 \%$ | $46.47 \%$ |
| ---: | ---: |
| $5.42 \%$ | $4.67 \%$ |
| $49.14 \%$ | $48.86 \%$ |
| $100.00 \%$ | $100.00 \%$ |

UE-88 UE-88
8.89\% 8.84\%


Historical Trojan "Return On"
Based on actual rate base balances
\$000s

|  | 4/1/95 | 12/31/95 | 2/31/96 | 12/31/97 | 12/31/98 | 12/31/9 | 09/30/0 | 10/01/00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Requirement | 34,876 | 29,931 | 26,712 | 24,867 | 22,593 | 19,678 | 17,255 | - |
| Rev Req (Check) | 34,876 | 29,931 | 26,712 | 24,867 | 22,593 | 19,678 | 17,255 | - |
| Expenses other than Income Tax | - | - | - | - | - | - | - | - |
| Income Tax | 9,786 | 8,399 | 7,499 | 6,981 | 6,343 | 5,524 | 4,844 | - |
| Total Expenses | 9,786 | 8,399 | 7,499 | 6,981 | 6,343 | 5,524 | 4,844 |  |
| Effective Tax Rate Check | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | \#DIV/0! |
| UOI | 25,090 | 21,532 | 19,213 | 17,886 | 16,251 | 14,154 | 12,411 |  |
| UOI - Check | 25,090 | 21,532 | 19,213 | 17,886 | 16,251 | 14,154 | 12,411 | - |
| Net Trojan Investment | 340,162 | 301,023 | 275,460 | 251,763 | 229,202 | 202,683 | 180,486 | - |
| Deferred Taxes | $(66,526)$ | $(65,982)$ | $(67,335)$ | $(58,102)$ | $(53,223)$ | $(49,191)$ | $(45,616)$ | - |
| Deferred ITC | $(9,756)$ | $(8,579)$ | $(7,939)$ | $(7,299)$ | $(6,659)$ | $(6,020)$ | $(5,554)$ | - |
| Net Rate Base | 263,880 | 226,462 | 200,186 | 186,362 | 169,320 | 147,472 | 129,316 | - |
| Taxes: |  |  |  |  |  |  |  |  |
| Revenue | 34,876 | 29,931 | 26,712 | 24,867 | 22,593 | 19,678 | 17,255 | - |
| Expenses | - | - | - | - | - | - | - |  |
| Interest Expense | 9,998 | 8,580 | 7,649 | 7,121 | 6,469 | 5,635 | 4,941 | - |
| BTI | 24,878 | 21,351 | 19,063 | 17,747 | 16,124 | 14,043 | 12,314 | - |
| State Taxes | 1,660 | 1,425 | 1,272 | 1,184 | 1,076 | 937 | 822 | - |
| Fed Taxable | 23,218 | 19,926 | 17,791 | 16,563 | 15,048 | 13,106 | 11,493 | - |
| Fed Taxes | 8,126 | 6,974 | 6,227 | 5,797 | 5,267 | 4,587 | 4,022 | - |
| ITC Amort | - | - | - | - | - | - | - | - |
| Tax Expense | 9,786 | 8,399 | 7,499 | 6,981 | 6,343 | 5,524 | 4,844 | - |
| State Tax Rate | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% |
| Federal Tax Rate | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% |
| Combined Tax Rate | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% |
| Net to Gross Factor | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 |
| Capital Structure: |  |  |  |  |  |  |  |  |
| Common Equity Cost | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% |
| Preferred Equity Cost | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% |
| L-T Debt Cost | 7.71\% | 7.71\% | 7.82\% | 7.82\% | 7.82\% | 7.82\% | 7.82\% | 7.82\% |
| Cost of Capital | 9.51\% | 9.51\% | 9.60\% | 9.60\% | 9.60\% | 9.60\% | 9.60\% | 9.60\% |
| Common Equity Percent | 45.44\% | 45.44\% | 46.47\% | 46.47\% | 46.47\% | 46.47\% | 46.47\% | 46.47\% |
| Preferred Equity Percent | 5.42\% | 5.42\% | 4.67\% | 4.67\% | 4.67\% | 4.67\% | 4.67\% | 4.67\% |
| L-T Debt Percent | 49.14\% | 49.14\% | 48.86\% | 48.86\% | 48.86\% | 48.86\% | 48.86\% | 48.86\% |
| Total Capital Structure | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Tax Rates / Cap Structure Per | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 |
| Pre-Tax Weighted CE Cost | 8.69\% | 8.69\% | 8.89\% | 8.89\% | 8.89\% | 8.89\% | 8.89\% | 8.89\% |
| Pre-Tax Weighted PE Cost | 0.74\% | 0.74\% | 0.64\% | 0.64\% | 0.64\% | 0.64\% | 0.64\% | 0.64\% |
| Pre-Tax Weighted LT Debt Cost | 3.79\% | 3.79\% | 3.82\% | 3.82\% | 3.82\% | 3.82\% | 3.82\% | 3.82\% |
| Pre-Tax COC | 13.22\% | 13.22\% | 13.34\% | 13.34\% | 13.34\% | 13.34\% | 13.34\% | 13.34\% |


Based on Average Rate Base for the Period


Return Foregone if Collected Without Return on Over 17 Years Trojan Net of Plant Classified as In-Service, Boardman Offset Uses UE-88 Authorized COC

Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount Net Trojan After-Tax Balance


Pre-Tax Overall Rates of Retum:

| April 1995-- December 1995: | $13.22 \%$ |
| :--- | :---: |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Retum from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
|  | Mar-95 | 133,286.68 |  |  |
| 1 | Apr-95 | 132,623.57 | 1,382.81 | 1,373.12 |
| 2 | May-95 | 131,960.45 | 1,375.92 | 1,356.69 |
| 3 | Jun-95 | 131,297.33 | 1,369.02 | 1,340.42 |
| 4 | Jul-95 | 130,634.21 | 1,362.12 | 1,324.32 |
| 5 | Aug-95 | 129,971.10 | 1,355.23 | 1,308.38 |
| 6 | Sep-95 | 129,307.98 | 1,348.33 | 1,292.59 |
| 7 | Oct-95 | 128,644.86 | 1,341.43 | 1,276.96 |
| 8 | Nov-95 | 127,981.74 | 1,334.54 | 1,261.49 |
| 9 | Dec-95 | 127,318.62 | 1,327.64 | 1,246.17 |
| 10 | Jan-96 | 126,655.51 | 1,332.07 | 1,241.56 |
| 11 | Feb-96 | 125,992.39 | 1,325.11 | 1,226.42 |
| 12 | Mar-96 | 125,329.27 | 1,318.16 | 1,211.43 |
| 13 | Apr-96 | 124,666.15 | 1,311.20 | 1,196.59 |
| 14 | May-96 | 124,003.04 | 1,304.25 | 1,181.90 |
| 15 | Jun-96 | 123,339.92 | 1,297.29 | 1,167.35 |
| 16 | Jul-96 | 122,676.80 | 1,290.33 | 1,152.95 |
| 17 | Aug-96 | 122,013.68 | 1,283.38 | 1,138.69 |
| 18 | Sep-96 | 121,350.56 | 1,276.42 | 1,124.58 |
| 19 | Oct-96 | 120,687.45 | 1,269.47 | 1,110.61 |
| 20 | Nov-96 | 120,024.33 | 1,262.51 | 1,096.78 |
| 21 | Dec-96 | 119,361.21 | 1,255.55 | 1,083.09 |
| 22 | Jan-97 | 118,698.09 | 1,248.60 | 1,069.54 |
| 23 | Feb-97 | 118,034.97 | 1,241.64 | 1,056.12 |
| 24 | Mar-97 | 117,371.86 | 1,234.69 | 1,042.84 |
| 25 | Apr-97 | 116,708.74 | 1,227.73 | 1,029.70 |
| 26 | May-97 | 116,045.62 | 1,220.77 | 1,016.68 |
| 27 | Jun-97 | 115,382.50 | 1,213.82 | 1,003.80 |
| 28 | Jul-97 | 114,719.39 | 1,206.86 | 991.05 |
| 29 | Aug-97 | 114,056.27 | 1,199.91 | 978.43 |
| 30 | Sep-97 | 113,393.15 | 1,192.95 | 965.94 |
| 31 | Oct-97 | 112,730.03 | 1,185.99 | 953.57 |
| 32 | Nov-97 | 112,066.91 | 1,179.04 | 941.33 |
| 33 | Dec-97 | 111,403.80 | 1,172.08 | 929.22 |
| 34 | Jan-98 | 110,740.68 | 1,165.13 | 917.23 |
| 35 | Feb-98 | 110,077.56 | 1,158.17 | 905.36 |
| 36 | Mar-98 | 109,414.44 | 1,151.21 | 893.61 |
| 37 | Apr-98 | 108,751.32 | 1,144.26 | 881.99 |
| 38 | May-98 | 108,088.21 | 1,137.30 | 870.48 |
| 39 | Jun-98 | 107,425.09 | 1,130.35 | 859.09 |
| 40 | Jul-98 | 106,761.97 | 1,123.39 | 847.81 |
| 41 | Aug-98 | 106,098.85 | 1,116.43 | 836.66 |
| 42 | Sep-98 | 105,435.74 | 1,109.48 | 825.62 |
| 43 | Oct-98 | 104,772.62 | 1,102.52 | 814.69 |
| 44 | Nov-98 | 104,109.50 | 1,095.57 | 803.87 |
| 45 | Dec-98 | 103,446.38 | 1,088.61 | 793.17 |
| 46 | Jan-99 | 102,783.26 | 1,081.65 | 782.57 |
| 47 | Feb-99 | 102,120.15 | 1,074.70 | 772.09 |
| 48 | Mar-99 | 101,457.03 | 1,067.74 | 761.71 |

Return Foregone if Collected Without Return on Over 17 Years Trojan Net of Plant Classified as In-Service, Boardman Offset Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance) 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

| $340,162.44$ |
| ---: |
| $(66,526.00)$ |
| $(9,756.00)$ |


| $263,880.44$ |
| :---: |
| $(68,378.66)$ |
| $(62,215.09)$ |
| $133,286.68$ |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 - September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
| After-Tax Rate of Retum from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 49 | Apr-99 | 100,793.91 | 1,060.79 | 751.44 |
| 50 | May-99 | 100,130.79 | 1,053.83 | 741.28 |
| 51 | Jun-99 | 99,467.68 | 1,046.87 | 731.23 |
| 52 | Jul-99 | 98,804.56 | 1,039.92 | 721.28 |
| 53 | Aug-99 | 98,141.44 | 1,032.96 | 711.43 |
| 54 | Sep-99 | 97,478.32 | 1,026.01 | 701.68 |
| 55 | Oct-99 | 96,815.20 | 1,019.05 | 692.04 |
| 56 | Nov-99 | 96,152.09 | 1,012.09 | 682.50 |
| 57 | Dec-99 | 95,488.97 | 1,005.14 | 673.05 |
| 58 | Jan-00 | 94,825.85 | 998.18 | 663.71 |
| 59 | Feb-00 | 94,162.73 | 991.23 | 654.46 |
| 60 | Mar-00 | 93,499.61 | 984.27 | 645.31 |
| 61 | Apr-00 | 92,836.50 | 977.31 | 636.26 |
| 62 | May-00 | 92,173.38 | 970.36 | 627.30 |
| 63 | Jun-00 | 91,510.26 | 963.40 | 618.44 |
| 64 | Jul-00 | 90,847.14 | 956.45 | 609.67 |
| 65 | Aug-00 | 90,184.03 | 949.49 | 600.99 |
| 66 | Sep-00 | 89,520.91 | 942.53 | 592.41 |
| 67 | Oct-00 | 88,857.79 | 935.58 | 583.91 |
| 68 | Nov-00 | 88,194.67 | 928.62 | 575.51 |
| 69 | Dec-00 | 87,531.55 | 921.67 | 567.19 |
| 70 | Jan-01 | 86,868.44 | 914.71 | 558.96 |
| 71 | Feb-01 | 86,205.32 | 907.75 | 550.82 |
| 72 | Mar-01 | 85,542.20 | 900.80 | 542.77 |
| 73 | Apr-01 | 84,879.08 | 893.84 | 534.80 |
| 74 | May-01 | 84,215.97 | 886.89 | 526.92 |
| 75 | Jun-01 | 83,552.85 | 879.93 | 519.12 |
| 76 | Jul-01 | 82,889.73 | 872.97 | 511.41 |
| 77 | Aug-01 | 82,226.61 | 866.02 | 503.77 |
| 78 | Sep-01 | 81,563.49 | 859.06 | 496.22 |
| 79 | Oct-01 | 80,900.38 | 852.11 | 488.75 |
| 80 | Nov-01 | 80,237.26 | 845.15 | 481.37 |
| 81 | Dec-01 | 79,574.14 | 838.19 | 474.06 |
| 82 | Jan-02 | 78,911.02 | 831.24 | 466.83 |
| 83 | Feb-02 | 78,247.90 | 824.28 | 459.67 |
| 84 | Mar-02 | 77,584,79 | 817.33 | 452.60 |
| 85 | Apr-02 | 76,921.67 | 810.37 | 445.60 |
| 86 | May-02 | 76,258.55 | 803.41 | 438.68 |
| 87 | Jun-02 | 75,595.43 | 796.46 | 431.83 |
| 88 | Jul-02 | 74,932.32 | 789.50 | 425.06 |
| 89 | Aug-02 | 74,269.20 | 782.55 | 418.36 |
| 90 | Sep-02 | 73,606.08 | 775.59 | 411.73 |
| 91 | Oct-02 | 72,942.96 | 768.64 | 405.18 |
| 92 | Nov-02 | 72,279.84 | 761.68 | 398.70 |
| 93 | Dec-02 | 71,616.73 | 754.72 | 392.29 |
| 94 | Jan-03 | 70,953,61 | 747.77 | 385.95 |
| 95 | Feb-03 | 70,290.49 | 740.81 | 379.68 |
| 96 | Mar-03 | 69,627.37 | 733.86 | 373.47 |
| 97 | Apr-03 | 68,964.25 | 726.90 | 367.34 |
| 98 | May-03 | 68,301.14 | 719.94 | 361.27 |

Return Foregone if Collected Without Return on Over 17 Years Trojan Net of Plant Classified as In-Service, Boardman Offset Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Nel-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

340,162.44
(66,526.00)
$(9,756.00)$
$\begin{array}{r}263,880.44 \\ \hline(68,378.66) \\ (62,215.09) \\ \hline 133,286.68\end{array}$

Pre-Tax Overall Rates of Retum:

April 1995 -- December 1995:
January 1996 -- September 2001
October 2001 -- December 2011

After-Tax Rate of Retum from 1992 IRP:
13.22\%
13.34\%
13.34\%
8.81\%

|  |  |  | Net Present |  |
| ---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Value of |
|  |  |  |  | Return on |
|  |  |  |  | Average |
|  |  |  |  | Ralance |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

Return Foregone if Collected Without Return on Over 17 Years Trojan Net of Plant Classified as In-Service, Boardman Offset Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): 04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount Net Trojan After-Tax Balance

| $340,162.44$ <br> $(66,526.00)$ <br> $(9,756.00)$ |  |
| :---: | :---: |
|  |  |
|  | $263,880.44$ <br> $(68,378,66)$ <br> $(62,215.09)$ <br> $133,286.68$ |

Pre-Tax Overall Rates of Retum:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
|  |  |


|  |  | Ending <br> Balance | Retum on Average Balance | Net Present Value of Retum on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 149 | Aug-07 | 34,482.13 | 365.19 | 128.00 |
| 150 | Sep-07 | 33,819.01 | 358.23 | 124.68 |
| 151 | Oct-07 | 33,155.89 | 351.28 | 121.40 |
| 152 | Nov-07 | 32,492.77 | 344.32 | 118.17 |
| 153 | Dec-07 | 31,829.66 | 337.36 | 114.97 |
| 154 | Jan-08 | 31,166.54 | 330.41 | 111.81 |
| 155 | Feb-08 | 30,503.42 | 323.45 | 108.69 |
| 156 | Mar-08 | 29,840.30 | 316.50 | 105.60 |
| 157 | Apr-08 | 29,177.18 | 309.54 | 102.56 |
| 158 | May-08 | 28,514.07 | 302.58 | 99.55 |
| 159 | Jun-08 | 27,850.95 | 295.63 | 96.58 |
| 160 | Jul-08 | 27,187.83 | 288.67 | 93.65 |
| 161 | Aug-08 | 26,524.71 | 281.72 | 90.75 |
| 162 | Sep-08 | 25,861.60 | 274.76 | 87.89 |
| 163 | Oct-08 | 25,198.48 | 267.80 | 85.06 |
| 164 | Nov-08 | 24,535.36 | 260.85 | 82.27 |
| 165 | Dec-08 | 23,872.24 | 253.89 | 79.52 |
| 166 | Jan-09 | 23,209.12 | 246.94 | 76.80 |
| 167 | Feb-09 | 22,546.01 | 239.98 | 74.11 |
| 168 | Mar-09 | 21,882.89 | 233.03 | 71.46 |
| 169 | Apr-09 | 21,219.77 | 226.07 | 68.84 |
| 170 | May-09 | 20,556.65 | 219.11 | 66.25 |
| 171 | Jun-09 | 19,893.54 | 212.16 | 63.70 |
| 172 | Jul-09 | 19,230.42 | 205.20 | 61.18 |
| 173 | Aug-09 | 18,567.30 | 198.25 | 58.69 |
| 174 | Sep-09 | 17,904.18 | 191.29 | 56.23 |
| 175 | Oct-09 | 17,241.06 | 184.33 | 53.81 |
| 176 | Nov-09 | 16,577.95 | 177.38 | 51.41 |
| 177 | Dec-09 | 15,914.83 | 170.42 | 49.05 |
| 178 | Jan-10 | 15,251.71 | 163.47 | 46.72 |
| 179 | Feb-10 | 14,588.59 | 156.51 | 44.42 |
| 180 | Mar-10 | 13,925.47 | 149.55 | 42.15 |
| 181 | Apr-10 | 13,262.36 | 142.60 | 39.90 |
| 182 | May-10 | 12,599.24 | 135.64 | 37.69 |
| 183 | Jun-10. | 11,936.12 | 128.69 | 35.51 |
| 184 | Jul-10 | 11,273.00 | 121.73 | 33.35 |
| 185 | Aug-10 | 10,609.89 | 114.77 | 31.23 |
| 186 | Sep-10 | 9,946.77 | 107.82 | 29.13 |
| 187 | Oct-10 | 9,283.65 | 100.86 | 27.06 |
| 188 | Nov-10 | 8,620.53 | 93.91 | 25.02 |
| 189 | Dec-10 | 7,957.41 | 86.95 | 23.00 |
| 190 | Jan-11 | 7,294.30 | 79.99 | 21.01 |
| 191 | Feb-11 | 6,631.18 | 73.04 | 19.05 |
| 192 | Mar-11 | 5,968.06 | 66.08 | 17.12 |
| 193 | Apr-11 | 5,304.94 | 59.13 | 15.21 |
| 194 | May-11 | 4,641.82 | 52.17 | 13.32 |
| 195 | Jun-11 | 3,978.71 | 45.21 | 11.47 |
| 196 | Jul-11 | 3,315.59 | 38.26 | 9.63 |
| 197 | Aug-11 | 2,652.47 | 31.30 | 7.83 |
| 198 | Sep-11 | 1,989.35 | 24.35 | 6.04 |

Return Foregone if Collected Without Return on Over 17 Years
Trojan Net of Plant Classified as In-Service, Boardman Offset
Uses UE-88 Authorized COC
Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

## Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :---: |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Retum on <br> Average <br> Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 199 | Oct-11 | 1,326.24 | 17.39 | 4.29 |
| 200 | Nov-11 | 663.12 | 10.43 | 2.55 |
| 201 | Dec-11 | 0.00 | 3.48 | 0.85 |
|  | Sum: |  | 140,409.54 | 91,937.20 |

340,162.44 (66,526.00) (9,756.00)

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

| 340,162.44 |  |  |
| :---: | :---: | :---: |
| $(66,526.00)$ |  |  |
| (9,756.00) |  |  |
|  | 263,880.44 |  |
|  | $(68,378.66)$ | per Order 95-1216 |
|  | (62,215.09) |  |
|  | 133,286.68 |  |

Pre-Tax Overall Rates of Return:
April 1995 -- December 1995 :
January 1996 - September 2001:
October 2001 -- December 2011:
After-Tax Rate of Return from 1992 IRP

IF ROE UP 150 BASIS PTS

| 13.22\% | 14349\% |
| :---: | :---: |
| 13.34\% | $1449 \%$ |
| 13.34\% | 14.49\% |

8.81\%

|  |  |  | Net Present |  |
| ---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Value of |
|  |  |  |  | Return on |
| Average |  |  |  |  |
|  |  |  |  | Balance |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:

| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): | $340,162.44$ |
| :--- | ---: | :--- |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): | $(66,526.00)$ |
| 04/01/95 Deferred ITC Balance: | $(9,756.00)$ |
| 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): | $\mathbf{2 6 3 , 8 8 0 . 4 4}$ |
| 04/01/95 After-Tax Balance of Boardman Gain | $(68,378.66)$ |
| 04/01/95 After-Tax Trojan Classified as in-Service Amount | $(62,215.09)$ |
| Net Trojan After-Tax Balance | $-133,286.68$ |

Pre-Tax Overall Rates of Return:
April 1995-December 1995:
January 1996 -- September 2001:

October 2001 -- December 2011 :

After-Tax Rate of Return from 1992 JRP:

IF ROE UP 150 BASIS PTS

| 13.22\% | 14.344\% |
| :---: | :---: |
| 13.34\% | 14.48\% |
| 13.34\% | 14.49\% |

$8.81 \%$

|  |  |  | Net Present |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  | Value of |
|  |  |  |  | Return on |
|  |  |  |  | Average |
|  |  |  | Ralance |  |
|  |  |  |  | Return on | (At 1992 IRP

Return Foregone if Collection Without Return on Over 17 Years
Trojan Net of Classified as In-Service Portion, Boardman Offset
Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:

| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): | 340,162.44 |  |
| :---: | :---: | :---: |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): | (66,526.00) |  |
| 04/01/95 Deferred ITC Balance: | (9,756.00) |  |
| 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): |  | 263,880.44 |
| 04/01/95 After-Tax Balance of Boardman Gain |  | (68,378.66) per Order 95-1216 |
| 04/01/95 After-Tax Trojan Classified as In-Service Amount |  | (62,215.09) |
| Net Trojan After-Tax Balance |  | 133,286.68 |

Pre-Tax Overall Rates of Return:
April 1995 -- December 1995:
January 1996 -- September 2001:
Oclober 2001 -- December 2011:

After-Tax Rate of Return from 1992 IRP:

IF ROE UP 150 BASIS PTS

| 13.22\% | 1434\% |
| :---: | :---: |
| 13.34\% | 14.49\% |
| 13.34\% | 14.49\% |

8.81\%

|  |  |  |  | Net Present |
| :--- | :---: | :---: | :---: | :---: |
| Value of |  |  |  |  |
|  |  |  |  | Return on <br> Average <br> Balance |
|  |  |  |  | Return on | | (At 1992 IRP |
| :---: |

Return Foregone if Collection Without Return on Over 17 Years
Trojan Net of Classified as In-Service Portion, Boardman Offset
Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

| $\begin{array}{r} 340,162.44 \\ (66,526.00) \\ (9,756.00) \\ \hline \end{array}$ | 263,880.44 | per Order 95-1216 |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
|  | $(68,378.66)$ |  |
|  | $(62,215.09)$ |  |
|  | 133,286.68 |  |

Pre-Tax Overall Rates of Return:
April 1995 -- December 1995
January 1996 -- September 2001:
October 2001 -. December 2011

After-Tax Rate of Return from 1992 IRP:

IF ROE UP 150 BASIS PTS

| 13.22\% | 14.34\% |
| :---: | :---: |
| 13.34\% | 1449\% |
| 13.34\% | 1449\% |

8.81\%

|  |  |  | Net Present |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  | Value of |
|  |  |  |  | Return on |
|  |  |  |  | Average |
|  |  |  |  | Ralance |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

# Return Foregone if Collection Without Return on Over 17 Years 

Trojan Net of Classified as In-Service Portion, Boardman Offset
Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:


|  |  | Ending Balance | Return on Average Balance | Net Present <br> Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 195 | Jun-11 | 3,978.71 | 48.89 | 12.40 |
| 196 | Jul-11 | 3,315.59 | 41.37 | 10.42 |
| 197 | Aug-11 | 2,652.47 | 33.85 | 8.46 |
| 198 | Sep-11 | 1,989.35 | 26.32 | 6.54 |
| 199 | Oct-11 | 1,326.24 | 18.80 | 4.64 |
| 200 | Nov-11 | 663.12 | 11.28 | 2.76 |
| 201 | Dec-11 | 0.00 | 3.76 | 0.91 |
|  | Sum: |  | 151,799.64 | 99,389.46 |

Return Foregone if Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): | $340,162.44$ |
| :--- | ---: |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): | $(66,526.00)$ |
| 04/01/95 Deferred ITC Balance: | $(9,756.00)$ |
| 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): |  |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | ---: |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
|  | Mar-95 | 263,880.44 |  |  |
| 1 | Apr-95 | 262,567.60 | 2,737.69 | 2,718.49 |
| 2 | May-95 | 261,254.76 | 2,724.03 | 2,685.97 |
| 3 | Jun-95 | 259,941.92 | 2,710.38 | 2,653.77 |
| 4 | Jul-95 | 258,629.08 | 2,696.73 | 2,621.89 |
| 5 | Aug-95 | 257,316.25 | 2,683.07 | 2,590.32 |
| 6 | Sep-95 | 256,003.41 | 2,669.42 | 2,559.07 |
| 7 | Oct-95 | 254,690.57 | 2,655.76 | 2,528.13 |
| 8 | Nov-95 | 253,377.73 | 2,642.11 | 2,497.50 |
| 9 | Dec-95 | 252,064.89 | 2,628.45 | 2,467.17 |
| 10 | Jan-96 | 250,752.06 | 2,637.22 | 2,458.04 |
| 11 | Feb-96 | 249,439.22 | 2,623.45 | 2,428.06 |
| 12 | Mar-96 | 248,126.38 | 2,609.68 | 2,398.38 |
| 13 | Apr-96 | 246,813.54 | 2,595.91 | 2,369.00 |
| 14 | May-96 | 245,500.70 | 2,582.14 | 2,339.91 |
| 15 | Jun-96 | 244,187.87 | 2,568.37 | 2,311.11 |
| 16 | Jul-96 | 242,875.03 | 2,554.60 | 2,282.60 |
| 17 | Aug-96 | 241,562.19 | 2,540.82 | 2,254.38 |
| 18 | Sep-96 | 240,249.35 | 2,527.05 | 2,226.44 |
| 19 | Oct-96 | 238,936.51 | 2,513.28 | 2,198.78 |
| 20 | Nov-96 | 237,623.68 | 2,499.51 | 2,171.40 |
| 21 | Dec-96 | 236,310.84 | 2,485.74 | 2,144.30 |
| 22 | Jan-97 | 234,998.00 | 2,471.97 | 2,117.47 |
| 23 | Feb-97 | 233,685.16 | 2,458.20 | 2,090.91 |
| 24 | Mar-97 | 232,372.32 | 2,444.42 | 2,064.61 |
| 25 | Apr-97 | 231,059.49 | 2,430.65 | 2,038.59 |
| 26 | May-97 | 229,746.65 | 2,416.88 | 2,012.83 |
| 27 | Jun-97 | 228,433.81 | 2,403.11 | 1,987.33 |
| 28 | Jul-97 | 227,120.97 | 2,389.34 | 1,962.08 |
| 29 | Aug-97 | 225,808.13 | 2,375.57 | 1,937.10 |
| 30 | Sep-97 | 224,495.30 | 2,361.80 | 1,912.36 |
| 31 | Oct-97 | 223,182.46 | 2,348.03 | 1,887.88 |
| 32 | Nov-97 | 221,869.62 | 2,334.25 | 1,863.65 |
| 33 | Dec-97 | 220,556.78 | 2,320.48 | 1,839.67 |
| 34 | Jan-98 | 219,243.94 | 2,306.71 | 1,815.93 |
| 35 | Feb-98 | 217,931.11 | 2,292.94 | 1,792.43 |
| 36 | Mar-98 | 216,618.27 | 2,279.17 | 1,769.17 |
| 37 | Apr-98 | 215,305.43 | 2,265.40 | 1,746.15 |
| 38 | May-98 | 213,992.59 | 2,251.63 | 1,723.37 |
| 39 | Jun-98 | 212,679.75 | 2,237.85 | 1,700.82 |
| 40 | Jul-98 | 211,366.92 | 2,224.08 | 1,678.50 |
| 41 | Aug-98 | 210,054.08 | 2,210.31 | 1,656.41 |
| 42 | Sep-98 | 208,741.24 | 2,196.54 | 1,634.55 |
| 43 | Oct-98 | 207,428.40 | 2,182.77 | 1,612.91 |
| 44 | Nov-98 | 206,115.56 | 2,169.00 | 1,591.50 |
| 45 | Dec-98 | 204,802.73 | 2,155.23 | 1,570.31 |

Return Foregone If Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):

Pre-Tax Overall Rates of Return:

| April 1995-- December 1995: | $13.22 \%$ |
| :--- | ---: |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  |  | Net Present |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  | Value of |
| Return on |  |  |  |  |
|  |  |  |  | Average |
|  |  |  |  | Ralance |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

Return Foregone If Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance)
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996-- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on Average Balance | Net Present Value of Return on Average Balance <br> (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 94 | Jan-03 | 140,473.66 | 1,480.43 | 764.10 |
| 95 | Feb-03 | 139,160.83 | 1,466.65 | 751.68 |
| 96 | Mar-03 | 137,847.99 | 1,452.88 | 739.40 |
| 97 | Apr-03 | 136,535.15 | 1,439.11 | 727.26 |
| 98 | May-03 | $135,222.31$ | 1,425.34 | 715.25 |
| 99 | Jun-03 | 133,909.47 | 1,411.57 | 703.37 |
| 100 | Jul-03 | 132,596.64 | 1,397.80 | 691.63 |
| 101 | Aug-03 | 131,283.80 | 1,384.03 | 680.01 |
| 102 | Sep-03 | 129,970.96 | 1,370.26 | 668.52 |
| 103 | Oct-03 | 128,658.12 | 1,356.48 | 657.16 |
| 104 | Nov-03 | 127,345.28 | 1,342.71 | 645.93 |
| 105 | Dec-03 | 126,032.45 | 1,328.94 | 634.82 |
| 106 | Jan-04 | 124,719.61 | 1,315.17 | 623.84 |
| 107 | Feb-04 | 123,406.77 | 1,301.40 | 612.98 |
| 108 | Mar-04 | 122,093.93 | 1,287.63 | 602.24 |
| 109 | Apr-04 | 120,781.09 | 1,273.86 | 591.62 |
| 110 | May-04 | 119,468.26 | 1,260.08 | 581.12 |
| 111 | Jun-04 | 118,155.42 | 1,246.31 | 570.74 |
| 112 | Jul-04 | 116,842.58 | 1,232.54 | 560.48 |
| 113 | Aug-04 | 115,529.74 | 1,218.77 | 550.33 |
| 114 | Sep-04 | 114,216.90 | 1,205.00 | 540.30 |
| 115 | Oct-04 | 112,904.07 | 1,191.23 | 530.38 |
| 116 | Nov-04 | 111,591.23 | 1,177.46 | 520.57 |
| 117 | Dec-04 | 110,278.39 | 1,163.68 | 510.87 |
| 118 | Jan-05 | 108,965.55 | 1,149.91 | 501.29 |
| 119 | Feb-05 | 107,652.71 | 1,136.14 | 491.81 |
| 120 | Mar-05 | 106,339.88 | 1,122.37 | 482.45 |
| 121 | Apr-05 | 105,027.04 | 1,108.60 | 473.18 |
| 122 | May-05 | 103,714.20 | 1,094.83 | 464.03 |
| 123 | Jun-05 | 102,401.36 | 1,081.06 | 454.98 |
| 124 | Jul-05 | 101,088.52 | 1,067.28 | 446.04 |
| 125 | Aug-05 | 99,775.69 | 1,053.51 | 437.19 |
| 126 | Sep-05 | 98,462.85 | 1,039.74 | 428.45 |
| 127 | Oct-05 | 97,150.01 | 1,025.97 | 419.81 |
| 128 | Nov-05 | 95,837.17 | 1,012.20 | 411.27 |
| 129 | Dec-05 | 94,524.33 | 998.43 | 402.83 |
| 130 | Jan-06 | 93,211.50 | 984.66 | 394.49 |
| 131 | Feb-06 | 91,898.66 | 970.88 | 386.25 |
| 132 | Mar-06 | 90,585.82 | 957.11 | 378.10 |
| 133 | Apr-06 | 89,272.98 | 943.34 | 370.05 |
| 134 | May-06 | 87,960.15 | 929.57 | 362.09 |
| 135 | Jun-06 | 86,647.31 | 915.80 | 354.22 |
| 136 | Jul-06 | 85,334,47 | 902.03 | 346.45 |
| 137 | Aug-06 | 84,021.63 | 888.26 | 338.77 |
| 138 | Sep-06 | 82,708.79 | 874.48 | 331.18 |
| 139 | Oct-06 | 81,395.96 | 860.71 | 323.68 |
| 140 | Nov-06 | 80,083.12 | 846.94 | 316.26 |
| 141 | Dec-06 | 78,770.28 | 833.17 | 308.94 |

Return Foregone If Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC

Starting Balance 04/01/95:

| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): | $340,162.44$ |
| :--- | ---: |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): | $(66,526.00)$ |
| 04/01/95 Deferred ITC Balance: | $(9,756.00)$ |
| 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): |  |

$263,880.44$

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | ---: |
| January $1996-$ September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 142 | Jan-07 | 77,457.44 | 819.40 | 301.70 |
| 143 | Feb-07 | 76,144.60 | 805.63 | 294.55 |
| 144 | Mar-07 | 74,831.77 | 791.86 | 287.49 |
| 145 | Apr-07 | 73,518.93 | 778.08 | 280.51 |
| 146 | May-07 | 72,206.09 | 764.31 | 273.61 |
| 147 | Jun-07 | 70,893.25 | 750.54 | 266.80 |
| 148 | Jul-07 | 69,580.41 | 736.77 | 260.07 |
| 149 | Aug-07 | 68,267.58 | 723.00 | 253.42 |
| 150 | Sep-07 | 66,954.74 | 709.23 | 246.85 |
| 151 | Oct-07 | 65,641.90 | 695.46 | 240.36 |
| 152 | Nov-07 | 64,329.06 | 681.68 | 233.94 |
| 153 | Dec-07 | 63,016.22 | 667.91 | 227.61 |
| 154 | Jan-08 | 61,703.39 | 654.14 | 221.35 |
| 155 | Feb-08 | 60,390.55 | 640.37 | 215.18 |
| 156 | Mar-08 | 59,077.71 | 626.60 | 209.07 |
| 157 | Apr-08 | 57,764,87 | 612.83 | 203.04 |
| 158 | May-08 | 56,452.03 | 599.06 | 197.09 |
| 159 | Jun-08 | 55,139.20 | 585.28 | 191.21 |
| 160 | Jul-08 | 53,826.36 | 571.51 | 185.40 |
| 161 | Aug-08 | 52,513.52 | 557.74 | 179.66 |
| 162 | Sep-08 | 51,200.68 | 543.97 | 174.00 |
| 163 | Oct-08 | 49,887.84 | 530.20 | 168.40 |
| 164 | Nov-08 | 48,575.01 | 516.43 | 162.88 |
| 165 | Dec-08 | 47,262.17 | 502.66 | 157.43 |
| 166 | Jan-09 | 45,949.33 | 488.88 | 152.04 |
| 167 | Feb-09 | 44,636.49 | 475.11 | 146.72 |
| 168 | Mar-09 | 43,323,65 | 461.34 | 141.47 |
| 169 | Apr-09 | 42,010.82 | 447.57 | 136.28 |
| 170 | May-09 | 40,697.98 | 433.80 | 131.16 |
| 171 | Jun-09 | 39,385.14 | 420.03 | 126.11 |
| 172 | Jul-09 | 38,072.30 | 406.26 | 121.12 |
| 173 | Aug-09 | 36,759.46 | 392.49 | 116.19 |
| 174 | Sep-09 | 35,446.63 | 378.71 | 111.33 |
| 175 | Oct-09 | 34,133.79 | 364.94 | 106.53 |
| 176 | Nov-09 | 32,820.95 | 351.17 | 101.79 |
| 177 | Dec-09 | 31,508.11 | 337.40 | 97.11 |
| 178 | Jan-10 | 30,195.27 | 323.63 | 92.50 |
| 179 | Feb-10 | 28,882.44 | 309.86 | 87.94 |
| 180 | Mar-10 | 27,569.60 | 296.09 | 83.44 |
| 181 | Apr-10 | 26,256.76 | 282.31 | 79.00 |
| 182 | May-10 | 24,943.92 | 268.54 | 74.62 |
| 183 | Jun-10 | 23,631.08 | 254.77 | 70.30 |
| 184 | Jul-10 | 22,318.25 | 241.00 | 66.03 |
| 185 | Aug-10 | 21,005.41 | 227.23 | 61.82 |
| 186 | Sep-10 | 19,692.57 | 213.46 | 57.67 |
| 187 | Oct-10 | 18,379.73 | 199.69 | 53.57 |
| 188 | Nov-10 | 17,066.89 | 185.91 | 49.53 |
| 189 | Dec-10 | 15,754.06 | 172.14 | 45.54 |

Return Foregone if Collection Without Return on Over 17 Years Trojan Balance per UE-88
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): | $340,162.44$ |
| :--- | :---: |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): | $(66,526.00)$ |
| 04/01/95 Deferred ITC Balance: | $(9,756.00)$ |

04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | ---: |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |

$\left.\begin{array}{lrrrr} & & & \begin{array}{c}\text { Net Present } \\ \text { Value of } \\ \text { Return on } \\ \text { Average } \\ \text { Balance }\end{array} \\ \text { (At 1992 IRP }\end{array}\right\}$

Return Foregone If Collection Without Return on Equity Over 17 Years
Trojan Ealance per UE-88
Uses UE-88 Authorized ROE

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance) 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):

| Pre-Tax Equity Portion Adiusted Rates of Return: |  | Pre-Tax <br> Overall |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
| April 1995 -- December 1995: | $9.43 \%$ | $3.79 \%$ | $13.22 \%$ |
| January 1996 - September 2001: | $9.52 \%$ | $3.82 \%$ | $13.34 \%$ |
| October 2001 - December 2011: | $9.52 \%$ |  | $13.34 \%$ |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |  |  |


|  | Net Present <br> Value of <br> Return on |  |
| :---: | :---: | :---: |
|  | Equity | Average |
|  | Portion | Balance |
| Return on | (At 1992 IRP |  |
| Ending | Average | After-Tax |
| Balance | Balance | Discount Rate) |


|  | Mar-95 | $263,880.44$ |  |  |
| :--- | :---: | :--- | :--- | :--- |
| 1 | Apr-95 | $262,567.60$ | $1,983.72$ | $1,969.81$ |
| 2 | May-95 | $261,254.76$ | $1,973.83$ | $1,946.24$ |
| 3 | Jun-95 | $259,941.92$ | $1,963.93$ | $1,922.91$ |
| 4 | Jul-95 | $258,629.08$ | $1,954.04$ | $1,899.81$ |
| 5 | Aug-95 | $257,316.25$ | $1,944.14$ | $1,876.94$ |
| 6 | Sep-95 | $256,003.41$ | $1,934.25$ | $1,854.29$ |
| 7 | Oct-95 | $254,690.57$ | $1,924.36$ | $1,831.87$ |
| 8 | Nov-95 | $253,377.73$ | $1,914.46$ | $1,809.68$ |
| 9 | Dec-95 | $252,064.89$ | $1,904.57$ | $1,787.70$ |
| 10 | Jan-96 | $250,752.06$ | $1,912.94$ | $1,782.97$ |
| 11 | Feb-96 | $249,439.22$ | $1,902.95$ | $1,761.22$ |
| 12 | Mar-96 | $248,126.38$ | $1,892.96$ | $1,739.69$ |
| 13 | Apr-96 | $246,813.54$ | $1,882.97$ | $1,718.38$ |
| 14 | May-96 | $245,500.70$ | $1,872.98$ | $1,697.28$ |
| 15 | Jun-96 | $244,187.87$ | $1,862.99$ | $1,676.39$ |
| 16 | Jul-96 | $242,875.03$ | $1,853.00$ | $1,655.71$ |
| 17 | Aug-96 | $241,562.19$ | $1,843.01$ | $1,635.24$ |
| 18 | Sep-96 | $240,249.35$ | $1,833.02$ | $1,614.97$ |
| 19 | Oct-96 | $238,936.51$ | $1,823.03$ | $1,594.91$ |
| 20 | Nov-96 | $237,623.68$ | $1,813.05$ | $1,575.05$ |
| 21 | Dec-96 | $236,310.84$ | $1,803.06$ | $1,555.39$ |
| 22 | Jan-97 | $234,998.00$ | $1,793.07$ | $1,535.93$ |
| 23 | Feb-97 | $233,685.16$ | $1,783.08$ | $1,516.66$ |
| 24 | Mar-97 | $232,372.32$ | $1,773.09$ | $1,497.59$ |
| 25 | Apr-97 | $231,059.49$ | $1,763.10$ | $1,478.71$ |
| 26 | May-97 | $229,746.65$ | $1,753.11$ | $1,460.02$ |
| 27 | Jun-97 | $228,433.81$ | $1,743.12$ | $1,441.53$ |
| 28 | Jul-97 | $227,120.97$ | $1,733.13$ | $1,423.22$ |
| 29 | Aug-97 | $225,808.13$ | $1,723.14$ | $1,405.09$ |
| 30 | Sep-97 | $224,495.30$ | $1,713.15$ | $1,387.15$ |
| 31 | Oct-97 | $223,182.46$ | $1,703.16$ | $1,369.39$ |
| 32 | Nov-97 | $221,869.62$ | $1,693.17$ | $1,351.82$ |
| 33 | Dec-97 | $220,556.78$ | $1,683.19$ | $1,334.42$ |
| 34 | Jan-98 | $219,243.94$ | $1,673.20$ | $1,317.20$ |
| 35 | Feb-98 | $217,931.11$ | $1,663.21$ | $1,300.16$ |
| 36 | Mar-98 | $216,618.27$ | $1,653.22$ | $1,283.29$ |
| 37 | Apr-98 | $215,305.43$ | $1,643.23$ | $1,266.59$ |
| 38 | May-98 | $213,992.59$ | $1,633.24$ | $1,250.06$ |
| 39 | Jun-98 | $212,679.75$ | $1,623.25$ | $1,233.71$ |
| 40 | Jul-98 | $211,366.92$ | $1,613.26$ | $1,217.52$ |
| 41 | Aug-98 | $210,054.08$ | $1,603.27$ | $1,201.49$ |
| 42 | Sep-98 | $208,741.24$ | $1,593.28$ | $1,185.64$ |
| 43 | Oct-98 | $207,428.40$ | $1,583.29$ | $1,169.94$ |
| 44 | Nov-98 | $206,115.56$ | $1,573.30$ | 1,1544141 |
| 45 | Dec-98 | $204,802.73$ | $1,563.31$ | $1,139.04$ |
|  |  |  |  |  |

Return Foregone if Collection Without Return on Equity Over 17 Years Trojan Balance per UE-88
Uses UE-88 Authorized ROE

| Starting Balance 04/01/95: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): |  |  | 340,162.44 |  |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): |  |  | $(66,526.00)$ |  |
| 04/01/95 Deferred ITC Balance: <br> 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): |  |  | (9,756.00) |  |
|  |  |  |  | 263,880.44 |
|  |  | Pre-Tax |  |  |
| Pre-Tax Equity Portion Adjusted Rates of Return: |  | Overall |  |  |
| April 1995 -- December 1995: $9.43 \%$ | 3.79\% | 13.22\% |  |  |
| January 1996 -- September 2001: $9.52 \%$ | 3.82\% | 13.34\% |  |  |
| October 2001 -- December 2011: . 9.52\% |  | 13.34\% |  |  |
| After-Tax Rate of Return from 1992 IRP: 88.81\% |  |  |  |  |


|  |  | Ending Balance | Equity <br> Portion Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 46 | Jan-99 | 203,489.89 | 1,553.33 | 1,123.82 |
| 47 | Feb-99 | 202,177.05 | 1,543.34 | 1,108.77 |
| 48 | Mar-99 | 200,864.21 | 1,533.35 | 1,093.87 |
| 49 | Apr-99 | 199,551.37 | 1,523.36 | 1,079.12 |
| 50 | May-99 | 198,238.54 | 1,513.37 | 1,064.53 |
| 51 | Jun-99 | 196,925.70 | 1,503.38 | 1,050.09 |
| 52 | Jul-99 | 195,612.86 | 1,493.39 | 1,035.80 |
| 53 | Aug-99 | 194,300.02 | 1,483.40 | 1,021.66 |
| 54 | Sep-99 | 192,987.18 | 1,473.41 | 1,007.66 |
| 55 | Oct-99 | 191,674.35 | 1,463.42 | 993.81 |
| 56 | Nov-99 | 190,361.51 | 1,453.43 | 980.11 |
| 57 | Dec-99 | 189,048.67 | 1,443.44 | 966.55 |
| 58 | Jan-00 | 187,735.83 | 1,433.45 | 953.13 |
| 59 | Feb-00 | 186,422.99 | 1,423.47 | 939.85 |
| 60 | Mar-00 | 185,110.16 | 1,413.48 | 926.71 |
| 61 | Apr-00 | 183,797.32 | 1,403.49 | 913.71 |
| 62 | May-00 | 182,484.48 | 1,393.50 | 900.85 |
| 63 | Jun-00 | 181,171.64 | 1,383.51 | 888.12 |
| 64 | Jul-00 | 179,858.80 | 1,373.52 | 875.52 |
| 65 | Aug-00 | 178,545.97 | 1,363.53 | 863.06 |
| 66 | Sep-00 | 177,233.13 | 1,353.54 | 850.73 |
| 67 | Oct-00 | 175,920.29 | 1,343.55 | 838.53 |
| 68 | Nov-00 | 174,607.45 | 1,333.56 | 826.46 |
| 69 | Dec-00 | 173,294.61 | 1,323.57 | 814.52 |
| 70 | Jan-01 | 171,981.78 | 1,313.58 | 802.71 |
| 71 | Feb-01 | 170,668.94 | 1,303.59 | 791.02 |
| 72 | Mar-01 | 169,356.10 | 1,293.61 | 779.45 |
| 73 | Apr-01 | 168,043.26 | 1,283.62 | 768.01 |
| 74 | May-01 | 166,730.42 | 1,273.63 | 756.69 |
| 75 | Jun-01 | 165,417.59 | 1,263.64 | 745.49 |
| 76 | Jul-01 | 164,104.75 | 1,253.65 | 734.41 |
| 77 | Aug-01 | 162,791.91 | 1,243.66 | 723.45 |
| 78 | Sep-01 | 161,479.07 | 1,233.67 | 712.61 |
| 79 | Oct-01 | 160,166.23 | 1,223.68 | 701.88 |
| 80 | Nov-01 | 158,853.40 | 1,213.69 | 691.27 |
| 81 | Dec-01 | 157,540.56 | 1,203.70 | 680.78 |
| 82 | Jan-02 | 156,227.72 | 1,193.71 | 670.39 |
| 83 | Feb-02 | 154,914.88 | 1,183.72 | 660.12 |
| 84 | Mar-02 | 153,602.04 | 1,173.73 | 649.96 |
| 85 | Apr-02 | 152,289.21 | 1,163.75 | 639.91 |
| 86 | May-02 | 150,976.37 | 1,153.76 | 629.97 |
| 87 | Jun-02 | 149,663.53 | 1,143.77 | 620.14 |
| 88 | Jul-02 | 148,350.69 | 1,133.78 | 610.41 |
| 89 | Aug-02 | 147,037.85 | 1,123.79 | 600.79 |
| 90 | Sep-02 | 145,725.02 | 1,113.80 | 591.28 |
| 91 | Oct-02 | 144,412.18 | 1,103.81 | 581.87 |
| 92 | Nov-02 | 143,099.34 | 1,093.82 | 572.56 |
| 93 | Dec-02 | 141,786.50 | 1,083.83 | 563.35 |

Return Foregone If Collection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefil Test Disallowance; \$000): 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):

## Pre-Tax Equity Portion Adiusted Rates of Return:

## April 1995-- December 1995:

January 1996 -- September 2001:
October 2001 -- December 2011:
After-Tax Rate of Return from 1992 IRP:

|  |  | Ending Balance | Equity Portion Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 94 | Jan-03 | 140,473.66 | 1,073.84 | 554.24 |
| 95 | Feb-03 | 139,160.83 | 1,063.85 | 545.24 |
| 96 | Mar-03 | 137,847.99 | 1,053.86 | 536.33 |
| 97 | Apr-03 | 136,535.15 | 1,043.87 | 527.52 |
| 98 | May-03 | 135,222.31 | 1,033.89 | 518.81 |
| 99 | Jun-03 | 133,909.47 | 1,023.90 | 510.20 |
| 100 | Jul-03 | 132,596.64 | 1,013.91 | 501.68 |
| 101 | Aug-03 | 131,283.80 | 1,003.92 | 493.25 |
| 102 | Sep-03 | 129,970.96 | 993.93 | 484.92 |
| 103 | Oct-03 | 128,658.12 | 983.94 | 476.68 |
| 104 | Nov-03 | 127,345.28 | 973.95 | 468.53 |
| 105 | Dec-03 | 126,032.45 | 963.96 | 460.48 |
| 106 | Jan-04 | 124,719.61 | 953.97 | 452.51 |
| 107 | Feb-04 | 123,406.77 | 943.98 | 444.63 |
| 108 | Mar-04 | 122,093.93 | 933.99 | 436.84 |
| 109 | Apr-04 | 120,781.09 | 924.00 | 429.14 |
| 110 | May-04 | 119,468.26 | 914.01 | 421.52 |
| 111 | Jun-04 | 118,155.42 | 904.03 | 413.99 |
| 112 | Jul-04 | 116,842.58 | 894.04 | 406.55 |
| 113 | Aug-04 | 115,529.74 | 884.05 | 399.19 |
| 114 | Sep-04 | 114,216.90 | 874.06 | 391.91 |
| 115 | Oct-04 | 112,904.07 | 864.07 | 384.71 |
| 116 | Nov-04 | 111,591.23 | 854.08 | 377.60 |
| 117 | Dec-04 | 110,278.39 | 844.09 | 370.57 |
| 118 | Jan-05 | 108,965.55 | 834.10 | 363.62 |
| 119 | Feb-05 | 107,652.71 | 824.11 | 356.74 |
| 120 | Mar-05 | 106,339.88 | 814.12 | 349.95 |
| 121 | Apr-05 | 105,027.04 | 804.13 | 343.23 |
| 122 | May-05 | 103,714.20 | 794.14 | 336.59 |
| 123 | Jun-05 | 102,401.36 | 784.15 | 330.02 |
| 124 | Jut-05 | 101,088.52 | 774.17 | 323.54 |
| 125 | Aug-05 | 99,775.69 | 764.18 | 317.12 |
| 126 | Sep-05 | 98,462.85 | 754.19 | 310.78 |
| 127 | Oct-05 | 97,150.01 | 744.20 | 304.52 |
| 128 | Nov-05 | 95,837.17 | 734.21 | 298.32 |
| 129 | Dec-05 | 94,524.33 | 724.22 | 292.20 |
| 130 | Jan-06 | 93,211.50 | 714.23 | 286.15 |
| 131 | Feb-06 | 91,898.66 | 704.24 | 280.17 |
| 132 | Mar-06 | 90,585.82 | 694.25 | 274.26 |
| 133 | Apr-06 | 89,272.98 | 684.26 | 268.42 |
| 134 | May-06 | 87,960.15 | 674.27 | 262.64 |
| 135 | Jun-06 | 86,647.31 | 664.28 | 256.94 |
| 136 | Jul-06 | 85,334.47 | 654.29 | 251.30 |
| 137 | Aug-06 | 84,021.63 | 644.31 | 245.73 |
| 138 | Sep-06 | 82,708.79 | 634.32 | 240.22 |
| 139 | Oct-06 | 81,395.96 | 624.33 | 234.78 |
| 140 | Nov-06 | 80,083.12 | 614.34 | 229.41 |
| 141 | Dec-06 | 78,770.28 | 604.35 | 224.09 |

Return Foregone if Collection Without Return on Equity Over 17 Years Trojan Balance per UE-88
Uses UE-88 Authorized ROE

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance)
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
$340,162.44$
$(66,526.00)$
$(9,756.00)$
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
$263,880.44$
Pre-Tax Equity Portion Adjusted Rates of Return:

| April 1995 - December 1995: | $9.43 \%$ |
| :--- | :--- |
| January 1996 - September 2001: | $9.52 \%$ |
| October 2001 - December 2011: | $9.52 \%$ |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending <br> Balance | Equity <br> Portion Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 142 | Jan-07 | 77,457.44 | 594.36 | 218.84 |
| 143 | Feb-07 | 76,144.60 | 584.37 | 213.66 |
| 144 | Mar-07 | 74,831.77 | 574.38 | 208.53 |
| 145 | Apr-07 | 73,518.93 | 564.39 | 203.47 |
| 146 | May-07 | 72,206.09 | 554.40 | 198.47 |
| 147 | Jun-07 | 70,893.25 | 544.41 | 193.52 |
| 148 | Jul-07 | 69,580.41 | 534.42 | 188.64 |
| 149 | Aug-07 | 68,267.58 | 524.43 | 183.82 |
| 150 | Sep-07 | 66,954.74 | 514.45 | 179.05 |
| 151 | Oct-07 | 65,641.90 | 504.46 | 174.34 |
| 152 | Nov-07 | 64,329.06 | 494.47 | 169.69 |
| 153 | Dec-07 | 63,016.22 | 484.48 | 165.10 |
| 154 | Jan-08 | 61,703.39 | 474.49 | 160.56 |
| 155 | Feb-08 | 60,390.55 | 464.50 | 156.08 |
| 156 | Mar-08 | 59,077.71 | 454.51 | 151.65 |
| 157 | Apr-08 | 57,764.87 | 444.52 | 147.28 |
| 158 | May-08 | 56,452.03 | 434.53 | 142.96 |
| 159 | Jun-08 | 55,139.20 | 424.54 | 138.69 |
| 160 | Jul-08 | 53,826.36 | 414.55 | 134.48 |
| 161 | Aug-08 | 52,513.52 | 404.56 | 130.32 |
| 162 | Sep-08 | 51,200.68 | 394.57 | 126.21 |
| 163 | Oct-08 | 49,887.84 | 384.59 | 122.15 |
| 164 | Nov-08 | 48,575.01 | 374.60 | 118.15 |
| 165 | Dec-08 | 47,262.17 | 364.61 | 114.19 |
| 166 | Jan-09 | 45,949.33 | 354.62 | 110.28 |
| 167 | Feb-09 | 44,636.49 | 344.63 | 106.42 |
| 168 | Mar-09 | 43,323.65 | 334.64 | 102.62 |
| 169 | Apr-09 | 42,010.82 | 324.65 | 98.85 |
| 170 | May-09 | 40,697.98 | 314.66 | 95.14 |
| 171 | Jun-09 | 39,385.14 | 304.67 | 91.47 |
| 172 | Jul-09 | 38,072.30 | 294.68 | 87.86 |
| 173 | Aug-09 | 36,759.46 | 284.69 | 84.28 |
| 174 | Sep-09 | 35,446.63 | 274.70 | 80.75 |
| 175 | Oct-09 | 34,133.79 | 264.71 | 77.27 |
| 176 | Nov-09 | 32,820.95 | 254.73 | 73.84 |
| 177 | Dec-09 | 31,508.11 | 244.74 | 70.44 |
| 178 | Jan-10 | 30,195.27 | 234.75 | 67.09 |
| 179 | Feb-10 | 28,882.44 | 224.76 | 63.79 |
| 180 | Mar-10 | 27,569.60 | 214.77 | 60.53 |
| 181 | Apr-10 | 26,256.76 | 204.78 | 57.31 |
| 182 | May-10 | 24,943.92 | 194.79 | 54.13 |
| 183 | Jun-10 | 23,631.08 | 184.80 | 50.99 |
| 184 | Jul-10 | 22,318.25 | 174.81 | 47.90 |
| 185 | Aug-10 | 21,005.41 | 164.82 | 44.84 |
| 186 | Sep-10 | 19,692.57 | 154.83 | 41.83 |
| 187 | Oct-10 | 18,379.73 | 144.84 | 38.86 |
| 188 | Nov-10 | 17,066.89 | 134.85 | 35.92 |
| 189 | Dec-10 | 15,754.06 | 124.87 | 33.03 |

Return Foregone if Colfection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE

Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000)
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance) 04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disaliowance):

| Pre-Tax Equity Portion Adjusted Rates of Return: |  | Pre-Tax <br> Overall |  |
| :--- | :--- | :--- | :--- |
| April 1995 - December 1995: |  |  |  |
| January 1996 -- September 2001: | $9.43 \%$ | $3.79 \%$ | $13.22 \%$ |
| October 2001 -- December 2011: | $9.52 \%$ | $3.82 \%$ | $13.34 \%$ |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |  | $13.34 \%$ |

$\left.\left.\begin{array}{lrrrr} & & & \begin{array}{c}\text { Net Present } \\ \text { Value of }\end{array} \\ \text { Return on } \\ \text { Eortion } \\ \text { Average } \\ \text { Balance }\end{array}\right\} \begin{array}{c}\text { Return on } \\ \text { At 1992 IRP }\end{array}\right\}$

Track Authorized Revenue Requirement Versus 1 Year Collection Add back UE-88 net benefit write-off for PV impact of 1 yr Trojan w/o Return on \$000s

| Month |  | Accrual | UE-88 Write-off Restored | 23,108 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amortization | Interest on Avg. Balance | Balance |
| April | 1995 | 23,120 |  | 91.61 | 23,212.02 |
| May |  | 23,120 |  | 275.57 | 46,607.99 |
| June |  | 23,120 |  | 460.98 | 70,189.38 |
| July |  | 23,120 |  | 647.87 | 93,957.65 |
| August |  | 23,120 |  | 836.23 | 117,914.29 |
| September |  | 23,120 |  | 1,026.09 | 142,060.79 |
| October |  | 23,120 |  | 1,217.45 | 166,398.64 |
| November |  | 23,120 |  | 1,410.32 | 190,929.37 |
| December |  | 23,120 |  | 1,604.73 | 215,654.50 |
| January | 1996 | 25,782 |  | 1,828.36 | 243,265.04 |
| February |  | 25,782 |  | 2,049,25 | 271,096.47 |
| March |  | 25,782 |  | 2,271.90 | 299,150.55 |
| April |  | $(4,490)$ |  | - $2,375.24$ | 297,035.44 |
| May |  | $(4,490)$ |  | 2,358.32 | 294,903.42 |
| June |  | $(4,490)$ |  | 2,341.27 | 292,754,35 |
| July |  | $(4,490)$ |  | 2,324.07 | 290,588.08 |
| August |  | $(4,490)$ |  | 2,306.74 | 288,404.48 |
| September |  | $(4,490)$ |  | 2,289.27 | 286,203.40 |
| October |  | $(4,490)$ |  | 2,271.67 | 283,984.73 |
| November |  | $(4,490)$ |  | 2,253.92 | 281,748.31 |
| December |  | $(4,490)$ |  | 2,236.03 | 279,494.00 |
| January | 1997 | $(4,124)$ |  | 2,219.46 | 277,589.57 |
| February |  | $(4,124)$ |  | 2,204.22 | 275,669.90 |
| March |  | $(4,124)$ |  | 2,188.86 | 273,734.88 |
| April |  | $(4,124)$ |  | 2,173.38 | 271,784.37 |
| May |  | $(4,124)$ |  | 2,157.78 | 269,818.26 |
| June |  | $(4,124)$ |  | 2,142.05 | 267,836.43 |
| July |  | $(4,124)$ |  | 2,126.20 | 265,838.74 |
| August |  | $(4,124)$ |  | 2,110.21 | 263,825.06 |
| September |  | $(4,124)$ |  | 2,094.10 | 261,795.27 |
| October |  | $(4,124)$ |  | 2,077.87 | 259,749.26 |
| November |  | $(4,124)$ |  | 2,061.50 | 257,686.87 |
| December |  | $(4,124)$ |  | 2,045.00 | 255,607.98 |
| January | 1998 | $(3,858)$ |  | 2,029.43 | 253,779.82 |
| February |  | $(3,858)$ |  | 2,014.81 | 251,937.04 |
| March |  | $(3,858)$ |  | 2,000.07 | 250,079.52 |
| April |  | $(3,858)$ |  | 1,985.21 | 248,207.14 |
| May |  | $(3,858)$ |  | 1,970.23 | 246,319.78 |
| June |  | $(3,858)$ |  | 1,955.13 | 244,417.31 |
| July |  | $(3,858)$ |  | 1,939.91 | 242,499.63 |
| August |  | $(3,858)$ |  | 1,924.57 | 240,566.61 |
| September |  | $(3,858)$ |  | 1,909.10 | 238,618.12 |
| October |  | $(3,858)$ |  | 1,893.51 | 236,654.04 |
| November |  | $(3,858)$ |  | 1,877.80 | 234,674.25 |
| December |  | $(3,858)$ |  | 1,861.96 | 232,678.61 |
| January | 1999 | $(3,971)$ |  | 1,845.54 | 230,552.93 |
| February |  | $(3,971)$ |  | 1,828.54 | 228,410.24 |
| March |  | $(3,971)$ |  | 1,811.40 | 226,250.41 |
| April |  | $(3,971)$ |  | 1,794.12 | 224,073.31 |
| May |  | $(3,971)$ |  | 1,776.70 | 221,878.78 |
| June |  | $(3,971)$ |  | 1,759.15 | 219,666.70 |
| July |  | $(3,971)$ |  | 1,741.45 | 217,436.93 |
| August |  | $(3,971)$ |  | 1,723.61 | 215,189,31 |
| September |  | $(3,971)$ |  | 1,705.63 | 212,923.72 |
| October |  | $(3,971)$ |  | 1,687.50 | 210,639.99 |
| November |  | $(3,971)$ |  | 1,669.24 | 208,338.00 |

Track Authorized Revenue Requirement Versus 1 Year Collection Add back UE-88 net benefit write-off for PV impact of 1 yr Trojan w/o Return on \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| December |  | $(3,971)$ |  | 1,650.82 | 206,017.60 |
| January | 2000 | $(4,056)$ |  | 1,631.92 | 203,593.82 |
| February |  | $(4,056)$ |  | 1,612.53 | 201,150.65 |
| March |  | $(4,056)$ |  | 1,592.98 | 198,687.93 |
| April |  | $(4,056)$ |  | 1,573.28 | 196,205.51 |
| May |  | $(4,056)$ |  | 1,553.42 | 193,703.23 |
| June |  | $(4,056)$ |  | 1,533.40 | 191,180.93 |
| July |  | $(4,056)$ |  | 1,513.22 | 188,638.45 |
| August |  | $(4,056)$ |  | 1,492.88 | 186,075.63 |
| September |  | $(4,056)$ |  | 1,472.38 | 183,492.31 |
|  | Totals | 65,083.35 | - | 118,408.96 | 183,492.31 |
|  | 1995 Amounts | 208,083.65 | - | 7,570.85 | 215,654.50 |
|  | 1996 Amounts | 36,933.45 | - | 26,906.04 | 63,839.49 |
|  | 1997 Amounts | $(49,486.64)$ | - | 25,600.63 | $(23,886.01)$ |
|  | 1998 Amounts | $(46,291.10)$ | - | 23,361.73 | $(22,929.37)$ |
|  | 1999 Amounts | $(47,654.72)$ | - | 20,993.70 | $(26,661.02)$ |
|  | 2000 Amounts | $(36,501.30)$ | - | 13,976.01 | $(22,525.29)$ |
| Totals |  | 64, 66,083835 | WW1\%\% | 11840896: | \%.183,492.31 |
|  |  | Int Accrued thru 9/00 |  | \%118,40896 | 183,492.31 |

Description: Collect Trojan over 1 year with no return on, add back write-off,

Trojan Revenue Requirements

|  | (9 Mos) |  |  |  | (9 Mos) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Total |
| Return On | $25,229.73$ | $28,321.18$ | $25,789.47$ | $23,730.17$ | $21,135.53$ | $14,304.17$ | $138,510.26$ |
| Return Of | $39,139.29$ | $25,562.92$ | $23,697.17$ | $22,560.93$ | $26,519.19$ | $22,197.13$ | $159,676.63$ |
|  | $64,369.02$ | $53,884.11$ | $49,486.64$ | $46,291.10$ | $47,654.72$ | $36,501.30$ | $298,186.89$ |

Collect Power Cost Deferral and Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 112.85 | (3.28) | 0.43 | 110.00 |
| May |  | 20.66 | (3.28) | 0.94 | 128.33 |
| June |  | 20.66 | (3.28) | 1.09 | 146.81 |
| July |  | 20.66 | (3.28) | 1.23 | 165.43 |
| August |  | 20.66 | (3.28) | 1.38 | 184.20 |
| September |  | 20.66 | (3.28) | 1.53 | 203.12 |
| October |  | 20.66 | (3.28) | 1.68 | 222.19 |
| November |  | 20.66 | (3.28) | 1.83 | 241.41 |
| December |  | 20.66 | (3.28) | 1.98 | 260.78 |
| January | 1996 | 20.66 | (3.28) | 2.16 | 280.33 |
| February |  | 20.66 | (3.28) | 2.31 | 300.03 |
| March |  | 20.66 | (3.28) | 2.47 | 319.89 |
| April |  |  | (3.28) | 2.55 | 319.16 |
| May |  |  | (3.28) | 2.54 | 318.43 |
| June |  |  | (3.28) | 2.53 | 317.68 |
| July |  |  | (3.28) | 2.53 | 316.94 |
| August |  |  | (3.28) | 2.52 | 316.18 |
| September |  |  | (3.28) | 2.52 | 315.43 |
| October |  |  | (3.28) | 2.51 | 314.66 |
| November |  |  | (3.28) | 2.50 | 313.89 |
| December |  |  | (3.28) | 2.50 | 313.11 |
| January | 1997 |  | (3.28) | 2.49 | 312.33 |
| February |  |  | (3.28) | 2.48 | 311.53 |
| March |  |  | (3.28) | 2.48 | 310.74 |
| April |  |  | (3.28) | 2.47 | 309.93 |
| May |  |  | (3.28) | 2.47 | 309.13 |
| June |  |  | (3.28) | 2.46 | 308.31 |
| July |  |  | (3.28) | 2.45 | 307.49 |
| August |  |  | (3.28) | 2.45 | 306.66 |
| September |  |  | (3.28) | 2.44 | 305.83 |
| October |  |  | (3.28) | 2.43 | 304.98 |
| November |  |  | (3.28) | 2.43 | 304.14 |
| December |  |  | (3.28) | 2.42 | 303.28 |
| January | 1998 |  | (3.28) | 2.41 | 302.42 |
| February |  |  | (3.28) | 2.41 | 301.55 |
| March |  |  | (3.28) | 2.40 | 300.68 |
| April |  |  | (3.28) | 2.39 | 299.79 |
| May |  |  | (3.28) | 2.38 | 298.89 |
| June |  |  | (3.28) | 2.38 | 298.00 |
| July |  |  | (3.28) | 2.37 | 297.09 |
| August |  |  | (3.28) | 2.36 | 296.18 |
| September |  |  | (3.28) | 2.36 | 295.26 |
| October |  |  | (3.28) | 2.35 | 294.34 |
| November |  |  | (3.28) | 2.34 | 293.40 |
| December |  |  | (3.28) | 2.33 | 292.46 |
| January | 1999 |  | (3.28) | 2.33 | 291.51 |
| February |  |  | (3.28) | 2.32 | 290.56 |
| March |  |  | (3.28) | 2.31 | 289.59 |
| April |  |  | (3.28) | 2.30 | 288.62 |
| May |  |  | (3.28) | 2.30 | 287.64 |

## Collect Power Cost Deferral and Reg Assets over 17 years Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (3.28) | 2.29 | 286.66 |  |
| July |  |  | (3.28) | 2.28 | 285.66 |  |
| August |  |  | (3.28) | 2.27 | 284.66 |  |
| September |  |  | (3.28) | 2.26 | 283.64 |  |
| October |  |  | (3.28) | 2.26 | 282.63 |  |
| November |  |  | (3.28) | 2.25 | 281.60 |  |
| December |  |  | (3.28) | 2.24 | 280.57 |  |
| January | 2000 |  | (3.28) | 2.23 | 279.52 |  |
| February |  |  | (3.28) | 2.22 | 278.47 |  |
| March |  |  | (3.28) | 2.21 | 277.40 |  |
| April |  |  | (3.28) | 2.21 | 276.34 |  |
| May |  |  | (3.28) | 2.20 | 275.26 |  |
| June |  |  | (3.28) | 2.19 | 274.18 |  |
| July |  |  | (3.28) | 2.18 | 273.08 | Total |
| August |  |  | (3.28) | 2.17 | 271.97 | Payments |
| September |  |  | (3.28) | 2.16 | 270.86 | (216.162) |
| October |  |  | (3.28) | 2.15 | 269.73 |  |
| November |  |  | (3.28) | 2.14 | 268.60 |  |
| December |  |  | (3.28) | 2.14 | 267.46 |  |
| January | 2001 |  | (3.28) | 2.13 | 266.32 |  |
| February |  |  | (3.28) | 2.12 | 265.16 |  |
| March |  |  | (3.28) | 2.11 | 264.00 |  |
| April |  |  | (3.28) | 2.10 | 262.82 |  |
| May |  |  | (3.28) | 2.09 | 261.64 |  |
| June |  |  | (3.28) | 2.08 | 260.44 |  |
| July |  |  | (3.28) | 2.07 | 259.24 |  |
| August |  |  | (3.28) | 2.06 | 258.02 |  |
| September |  |  | (3.28) | 2.05 | 256.80 |  |
| October |  |  | (3.28) | 2.04 | 255.56 |  |
| November |  |  | (3.28) | 2.03 | 254.32 |  |
| December |  |  | (3.28) | 2.02 | 253.06 |  |
| January | 2002 |  | (3.28) | 2.01. | 251.80 |  |
| February |  |  | (3.28) | 2.00 | 250.52 |  |
| March |  |  | (3.28) | 1.99 | 249.24 |  |
| April |  |  | (3.28) | 1.98 | 247.94 |  |
| May |  |  | (3.28) | 1.97 | 246.64 |  |
| June |  |  | (3.28) | 1.96 | 245.32 |  |
| July |  |  | (3.28) | 1.95 | 244.00 |  |
| August |  |  | (3.28) | 1.94 | 242.66 |  |
| September |  |  | (3.28) | 1.93 | 241.32 |  |
| October |  |  | (3.28) | 1.92 | 239.96 |  |
| November |  |  | (3.28) | 1.91 | 238.59 |  |
| December |  |  | (3.28) | 1.90 | 237.22 |  |
| January | 2003 |  | (3.28) | 1.88 | 235.82 |  |
| February |  |  | (3.28) | 1.87 | 234.42 |  |
| March |  |  | (3.28) | 1.86 | 233.00 |  |
| April |  |  | (3.28) | 1.85 | 231.58 |  |
| May |  |  | (3.28) | 1.84 | 230.14 |  |
| June |  |  | (3.28) | 1.83 | 228.70 |  |
| July |  |  | (3.28) | 1.82 | 227.24 |  |
| August |  |  | (3.28) | 1.80 | 225.77 |  |
| September |  |  | (3.28) | 1.79 | 224.28 |  |

Collect Power Cost Deferral and Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (3.28) | 1.78 | 222.79 |
| November |  |  | (3.28) | 1.77 | 221.28 |
| December |  |  | (3.28) | 1.76 | 219.77 |
| January | 2004 |  | (3.28) | 1.74 | 218.23 |
| February |  |  | (3.28) | 1.73 | 216.69 |
| March |  |  | (3.28) | 1.72 | 215.13 |
| April |  |  | (3.28) | 1.71 | 213.57 |
| May |  |  | (3.28) | 1.70 | 211.99 |
| June |  |  | (3.28) | 1.68 | 210.40 |
| July |  |  | (3.28) | 1.67 | 208.79 |
| August |  |  | (3.28) | 1.66 | 207.18 |
| September |  |  | (3.28) | 1.64 | 205.54 |
| October |  |  | (3.28) | 1.63 | 203.90 |
| November |  |  | (3.28) | 1.62 | 202.24 |
| December |  |  | (3.28) | 1.60 | 200.57 |
| January | 2005 |  | (3.28) | 1.59 | 198.88 |
| February |  |  | (3.28) | 1.58 | 197.18 |
| March |  |  | (3.28) | 1.56 | 195.47 |
| April |  |  | (3.28) | 1.55 | 193.74 |
| May |  |  | (3.28) | 1.54 | 192.01 |
| June |  |  | (3.28) | 1.52 | 190.25 |
| July |  |  | (3.28) | 1.51 | 188.49 |
| August |  |  | (3.28) | 1.49 | 186.70 |
| September |  |  | (3.28) | 1.48 | 184.91 |
| October |  |  | (3.28) | 1.47 | 183.10 |
| November |  |  | (3.28) | 1.45 | 181.28 |
| December |  |  | (3.28) | 1.44 | 179.44 |
| January | 2006 |  | (3.28) | 1.42 | 177.59 |
| February |  |  | (3.28) | 1.41 | 175.72 |
| March |  |  | (3.28) | 1.39 | 173.84 |
| April |  |  | (3.28) | 1.38 | 171.94 |
| May |  |  | (3.28) | 1.36 | 170.03 |
| June |  |  | (3.28) | 1.35 | 168.10 |
| July |  |  | (3.28) | 1.33 | 166.16 |
| August |  |  | (3.28) | 1.32 | 164.20 |
| September |  |  | (3.28) | 1.30 | 162.23 |
| October |  |  | (3.28) | 1.28 | 160.23 |
| November |  |  | (3.28) | 1.27 | 158.23 |
| December |  |  | (3.28) | 1.25 | 156.20 |
| January | 2007 |  | (3.28) | 1.24 | 154.17 |
| February |  |  | (3.28) | 1.22 | 152.11 |
| March |  |  | (3.28) | 1.20 | 150.04 |
| April |  |  | (3.28) | 1.19 | 147.95 |
| May |  |  | (3.28) | 1.17 | 145.84 |
| June |  |  | (3.28) | 1.15 | 143.72 |
| July |  |  | (3.28) | 1.14 | 141.58 |
| August |  |  | (3.28) | 1.12 | 139.43 |
| September |  |  | (3.28) | 1.10 | 137.25 |
| October |  |  | (3.28) | 1.08 | 135.06 |
| November |  |  | (3.28) | 1.07 | 132.85 |
| December |  |  | (3.28) | 1.05 | 130.63 |
| January | 2008 |  | (3.28) | 1.03 | 128.38 |

Collect Power Cost Deferral and Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization $\begin{gathered}\text { Interest on } \\ \text { Avg. Balance }\end{gathered}$ |  | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February |  |  | (3.28) | 1.01 | 126.12 |
| March |  |  | (3.28) | 1.00 | 123.84 |
| April |  |  | (3.28) | 0.98 | 121.55 |
| May |  |  | (3.28) | 0.96 | 119.23 |
| June |  |  | (3.28) | 0.94 | 116.90 |
| July |  |  | (3.28) | 0.92 | 114.54 |
| August |  |  | (3.28) | 0.90 | 112.17 |
| September |  |  | (3.28) | 0.88 | 109.77 |
| October |  |  | (3.28) | 0.86 | 107.36 |
| November |  |  | (3.28) | 0.85 | 104.93 |
| December |  |  | (3.28) | 0.83 | 102.49 |
| January | 2009 |  | (3.28) | 0.81 | 100.02 |
| February |  |  | (3.28) | 0.79 | 97.54 |
| March |  |  | (3.28) | 0.77 | 95.03 |
| April |  |  | (3.28) | 0.75 | 92.51 |
| May |  |  | (3.28) | 0.73 | 89.96 |
| June |  |  | (3.28) | 0.71 | 87.40 |
| July |  |  | (3.28) | 0.69 | 84.81 |
| August |  |  | (3.28) | 0.67 | 82.20 |
| September |  |  | (3.28) | 0.64 | 79.57 |
| October |  |  | (3.28) | 0.62 | 76.91 |
| November |  |  | (3.28) | 0.60 | 74.24 |
| December |  |  | (3.28) | 0.58 | 71.54 |
| January | 2010 |  | (3.28) | 0.56 | 68.83 |
| February |  |  | (3.28) | 0.54 | 66.09 |
| March |  |  | (3.28) | 0.52 | 63.34 |
| April |  |  | (3.28) | 0.49 | 60.55 |
| May |  |  | (3.28) | 0.47 | 57.75 |
| June |  |  | (3.28) | 0.45 | 54.92 |
| July |  |  | (3.28) | 0.43 | 52.08 |
| August |  |  | (3.28) | 0.40 | 49.20 |
| September |  |  | (3.28) | 0.38 | 46.31 |
| October |  |  | (3.28) | 0.36 | 43.39 |
| November |  |  | (3.28) | 0.33 | 40.45 |
| December |  |  | (3.28) | 0.31 | 37.48 |
| January | 2011 |  | (3.28) | 0.29 | 34.50 |
| February |  |  | (3.28) | 0.26 | 31.48 |
| March |  |  | (3.28) | 0.24 | 28.45 |
| April |  |  | (3.28) | 0.21 | 25.38 |
| May |  |  | (3.28) | 0.19 | 22.30 |
| June |  |  | (3.28) | 0.17 | 19.19 |
| July |  |  | (3.28) | 0.14 | 16.06 |
| August |  |  | (3.28) | 0.12 | 12.90 |
| September |  |  | (3.28) | 0.09 | 9.72 |
| October |  |  | (3.28) | 0.06 | 6.50 |
| November |  |  | (3.28) | 0.04 | 3.26 |
| December |  |  | (3.28) | 0.01 | (0.00) |
|  |  | 340.16 | (658.31) | 318.15 | (0.00) |

Collect Power Cost Deferral and Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 Amounts | 278.17 | (29.48) | 12.09 | 260.78 |
|  | 1996 Amounts | 61.99 | (39.30) | 29.64 | 52.33 |
|  | 1997 Amounts | - | (39.30) | 29.47 | (9.83) |
|  | 1998 Amounts | - | (39.30) | 28.48 | (10.82) |
|  | 1999 Amounts | - | (39.30) | 27.41 | (11.89) |
|  | 2000 Amounts | - | (39.30) | 26.20 | (13.10) |
|  | 2001 Amounts | - | (39.30) | 24.90 | (14.40) |
|  | 2002 Amounts | - | (39.30) | 23.46 | (15.84) |
|  | 2003 Amounts | - | (39.30) | 21.85 | (17.45) |
|  | 2004 Amounts | - | (39.30) | 20.10 | (19.20) |
|  | 2005 Amounts | - | (39.30) | 18.18 | (21.12) |
|  | 2006 Amounts | - | (39.30) | 16.06 | (23.24) |
|  | 2007 Amounts | - | (39.30) | 13.73 | (25.57) |
|  | 2008 Amounts | - | (39.30) | 11.16 | (28.14) |
|  | 2009 Amounts | - | (39.30) | 8.36 | (30.94) |
|  | 2010 Amounts | - | (39.30) | 5.24 | (34.06) |
|  | 2011 Amounts | - | (39.30) | 1.82 | (37.48) |
|  | Totals | 340.16 | (658.31) | 318.15 | (0.00) |
|  |  |  |  |  | (0.00) |

Collect Power Cost Deferral over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 20.66 | (2.36) | 0.07 | 18.38 |
| May |  | 20.66 | (2.36) | 0.22 | 36.90 |
| June |  | 20.66 | (2.36) | 0.36 | 55.57 |
| July |  | 20.66 | (2.36) | 0.51 | 74.38 |
| August |  | 20.66 | (2.36) | 0.66 | 93.35 |
| September |  | 20.66 | (2.36) | 0.81 | 112.46 |
| October |  | 20.66 | (2.36) | 0.96 | 131.73 |
| November |  | 20.66 | (2.36) | 1.12 | 151.16 |
| December |  | 20.66 | (2.36) | 1.27 | 170.73 |
| January | 1996 | 20.66 | (2.36) | 1.44 | 190.48 |
| February |  | 20.66 | (2.36) | 1.60 | 210.38 |
| March |  | 20.66 | (2.36) | 1.76 | 230.45 |
| April |  |  | (2.36) | 1.83 | 229.92 |
| May |  |  | (2.36) | 1.83 | 229.39 |
| June |  |  | (2.36) | 1.83 | 228.86 |
| July |  |  | (2.36) | 1.82 | 228.32 |
| August |  |  | (2.36) | 1.82 | 227.78 |
| September |  |  | (2.36) | 1.81 | 227.23 |
| October |  |  | (2.36) | 1.81 | 226.68 |
| November |  |  | (2.36) | 1.80 | 226.12 |
| December |  |  | (2.36) | 1.80 | 225.56 |
| January | 1997 |  | (2.36) | 1.79 | 225.00 |
| February |  |  | (2.36) | 1.79 | 224.43 |
| March |  |  | (2.36) | 1.79 | 223.86 |
| April |  |  | (2.36) | 1.78 | 223.28 |
| May |  |  | (2.36) | 1.78 | 222.70 |
| June |  |  | (2.36) | 1.77 | 222.11 |
| July |  |  | (2.36) | 1.77 | 221.52 |
| August |  |  | (2.36) | 1.76 | 220.92 |
| September |  |  | (2.36) | 1.76 | 220.32 |
| October |  |  | (2.36) | 1.75 | 219.71 |
| November |  |  | (2.36) | 1.75 | 219.10 |
| December |  |  | (2.36) | 1.74 | 218.48 |
| January | 1998 |  | (2.36) | 1.74 | 217.86 |
| February |  |  | (2.36) | 1.73 | 217.24 |
| March |  |  | (2.36) | 1.73 | 216.61 |
| April |  |  | (2.36) | 1.72 | 215.97 |
| May |  |  | (2.36) | 1.72 | 215.33 |
| June |  |  | (2.36) | 1.71 | 214.68 |
| July |  |  | (2.36) | 1.71 | 214.03 |
| August |  |  | (2.36) | 1.70 | 213.37 |
| September |  |  | (2.36) | 1.70 | 212.71 |
| October |  |  | (2.36) | 1.69 | 212.04 |
| November |  |  | (2.36) | 1.69 | 211.37 |
| December |  |  | (2.36) | 1.68 | 210.69 |
| January | 1999 |  | (2.36) | 1.68 | 210.01 |
| February |  |  | (2.36) | 1.67 | 209.32 |
| March |  |  | (2.36) | 1.66 | 208.63 |
| April |  |  | (2.36) | 1.66 | 207.93 |
| May |  |  | (2.36) | 1.65 | 207.22 |

## Collect Power Cost Deferral over 17 years <br> Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) <br> Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (2.36) | 1.65 | 206.51 |  |
| July |  |  | (2.36) | 1.64 | 205.79 |  |
| August |  |  | (2.36) | 1.64 | 205.07 |  |
| September |  |  | (2.36) | 1.63 | 204.34 |  |
| October |  |  | (2.36) | 1.62 | 203.60 |  |
| November |  |  | (2.36) | 1.62 | 202.86 |  |
| December |  |  | (2.36) | 1.61 | 202.11 |  |
| January | 2000 |  | (2.36) | 1.61 | 201.36 |  |
| February |  |  | (2.36) | 1.60 | 200.60 |  |
| March |  |  | (2.36) | 1.59 | 199.83 |  |
| April |  |  | (2.36) | 1.59 | 199.06 |  |
| May |  |  | (2.36) | 1.58 | 198.29 |  |
| June |  |  | (2.36) | 1.58 | 197.51 |  |
| July |  |  | (2.36) | 1.57 | 196.72 | Total |
| August |  |  | (2.36) | 1.56 | 195.92 | Payments |
| September |  |  | (2.36) | 1.56 | 195.12 | (155.710) |
| October |  |  | (2.36) | 1.55 | 194.31 |  |
| November |  |  | (2.36) | 1.54 | 193.49 |  |
| December |  |  | (2.36) | 1.54 | 192.67 |  |
| January | 2001 |  | (2.36) | 1.53 | 191.84 |  |
| February |  |  | (2.36) | 1.52 | 191.00 |  |
| March |  |  | (2.36) | 1.52 | 190.16 |  |
| April |  |  | (2.36) | 1.51 | 189.31 |  |
| May |  |  | (2.36) | 1.50 | 188.45 |  |
| June |  |  | (2.36) | 1.50 | 187.60 |  |
| July |  |  | (2.36) | 1.49 | 186.73 |  |
| August |  |  | (2.36) | 1.48 | 185.85 |  |
| September |  |  | (2.36) | 1.48 | 184.97 |  |
| October |  |  | (2.36) | 1.47 | 184.08 |  |
| November |  |  | (2.36) | 1.46 | 183.18 |  |
| December |  |  | (2.36) | 1.46 | 182.28 |  |
| January | 2002 |  | (2.36) | 1.45 | 181.37 |  |
| February |  |  | (2.36) | 1.44 | 180.45 |  |
| March |  |  | (2.36) | 1.43 | 179.52 |  |
| April |  |  | (2.36) | 1.43 | 178.59 |  |
| May |  |  | (2.36) | 1.42 | 177.65 |  |
| June |  |  | (2.36) | 1.41 | 176.70 |  |
| July |  |  | (2.36) | 1.40 | 175.75 |  |
| August |  |  | (2.36) | 1.40 | 174.79 |  |
| September |  |  | (2.36) | 1.39 | 173.82 |  |
| October |  |  | (2.36) | 1.38 | 172.84 |  |
| November |  |  | (2.36) | 1.37 | 171.85 |  |
| December |  |  | (2.36) | 1.37 | 170.86 |  |
| January | 2003 |  | (2.36) | 1.36 | 169.86 |  |
| February |  |  | (2.36) | 1.35 | 168.85 |  |
| March |  |  | (2.36) | 1.34 | 167.83 |  |
| April |  |  | (2.36) | 1.33 | 166.80 |  |
| May |  |  | (2.36) | 1.32 | 165.76 |  |
| June |  |  | (2.36) | 1.32 | 164.72 |  |
| July |  |  | (2.36) | 1.31 | 163.67 |  |
| August |  |  | (2.36) | 1.30 | 162.62 |  |
| September |  |  | (2.36) | 1.29 | 161.55 |  |

Collect Power Cost Deferral over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (2.36) | 1.28 | 160.47 |
| November |  |  | (2.36) | 1.27 | 159.38 |
| December |  |  | (2.36) | 1.27 | 158.29 |
| January | 2004 |  | (2.36) | 1.26 | 157.19 |
| February |  |  | (2.36) | 1.25 | 156.08 |
| March |  |  | (2.36) | 1.24 | 154.96 |
| April |  |  | (2.36) | 1.23 | 153.83 |
| May |  |  | (2.36) | 1.22 | 152.69 |
| June |  |  | (2.36) | 1.21 | 151.54 |
| July |  |  | (2.36) | 1.20 | 150.38 |
| August |  |  | (2.36) | 1.19 | 149.21 |
| September |  |  | (2.36) | 1.18 | 148.04 |
| October |  |  | (2.36) | 1.17 | 146.85 |
| November |  |  | (2.36) | 1.17 | 145.66 |
| December |  |  | (2.36) | 1.16 | 144.46 |
| January | 2005 |  | (2.36) | 1.15 | 143.25 |
| February |  |  | (2.36) | 1.14 | 142.03 |
| March |  |  | (2.36) | 1.13 | 140.80 |
| April |  |  | (2.36) | 1.12 | 139.56 |
| May |  |  | (2.36) | 1.11 | 138.31 |
| June |  |  | (2.36) | 1.10 | 137.05 |
| July |  |  | (2.36) | 1.09 | 135.78 |
| August |  |  | (2.36) | 1.08 | 134.50 |
| September |  |  | (2.36) | 1.07 | 133.21 |
| October |  |  | (2.36) | 1.06 | 131.91 |
| November |  |  | (2.36) | 1.05 | 130.61 |
| December |  |  | (2.36) | 1.04 | 129.29 |
| January | 2006 |  | (2.36) | 1.02 | 127.95 |
| February |  |  | (2.36) | 1.01 | 126.60 |
| March |  |  | (2.36) | 1.00 | 125.24 |
| April |  |  | (2.36) | 0.99 | 123.87 |
| May |  |  | (2.36) | 0.98 | 122.49 |
| June |  |  | (2.36) | 0.97 | 121.10 |
| July |  |  | (2.36) | 0.96 | 119.70 |
| August |  |  | (2.36) | 0.95 | 118.29 |
| September |  |  | (2.36) | 0.94 | 116.87 |
| October |  |  | (2.36) | 0.93 | 115.44 |
| November |  |  | (2.36) | 0.91 | 113.99 |
| December |  |  | (2.36) | 0.90 | 112.54 |
| January | 2007 |  | (2.36) | 0.89 | 111.07 |
| February |  |  | (2.36) | 0.88 | 109.59 |
| March |  |  | (2.36) | 0.87 | 108.10 |
| April |  |  | (2.36) | 0.86 | 106.60 |
| May |  |  | (2.36) | 0.84 | 105.08 |
| June |  |  | (2.36) | 0.83 | 103.55 |
| July |  |  | (2.36) | 0.82 | 102.01 |
| August |  |  | (2.36) | 0.81 | 100.46 |
| September |  |  | (2.36) | 0.79 | 98.89 |
| October |  |  | (2.36) | 0.78 | 97.31 |
| November |  |  | (2.36) | 0.77 | 95.72 |
| December |  |  | (2.36) | 0.76 | 94.12 |
| January | 2008 |  | (2.36) | 0.74 | 92.51 |

Collect Power Cost Deferral over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Interest on |  | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February |  |  | (2.36) | 0.73 | 90.88 |
| March |  |  | (2.36) | 0.72 | 89.24 |
| April |  |  | (2.36) | 0.70 | 87.58 |
| May |  |  | (2.36) | 0.69 | 85.91 |
| June |  |  | (2.36) | 0.68 | 84.23 |
| July |  |  | (2.36) | 0.66 | 82.53 |
| August |  |  | (2.36) | 0.65 | 80.82 |
| September |  |  | (2.36) | 0.64 | 79.10 |
| October |  |  | (2.36) | 0.62 | 77.36 |
| November |  |  | (2.36) | 0.61 | 75.61 |
| December |  |  | (2.36) | 0.60 | 73.85 |
| January | 2009 |  | (2.36) | 0.58 | 72.07 |
| February |  |  | (2.36) | 0.57 | 70.29 |
| March |  |  | (2.36) | 0.55 | 68.48 |
| April |  |  | (2.36) | 0.54 | 66.66 |
| May |  |  | (2.36) | 0.52 | 64.82 |
| June |  |  | (2.36) | 0.51 | 62.97 |
| July |  |  | (2.36) | 0.49 | 61.10 |
| August |  |  | (2.36) | 0.48 | 59.22 |
| September |  |  | (2.36) | 0.46 | 57.32 |
| October |  |  | (2.36) | 0.45 | 55.41 |
| November |  |  | (2.36) | 0.43 | 53.48 |
| December |  |  | (2.36) | 0.42 | 51.54 |
| January | 2010 |  | (2.36) | 0.40 | 49.58 |
| February |  |  | (2.36) | 0.39 | 47.61 |
| March |  |  | (2.36) | 0.37 | 45.63 |
| April |  |  | (2.36) | 0.36 | 43.63 |
| May |  |  | (2.36) | 0.34 | 41.61 |
| June |  |  | (2.36) | 0.32 | 39.57 |
| July |  |  | (2.36) | 0.31 | 37.52 |
| August |  |  | (2.36) | 0.29 | 35.45 |
| September |  |  | (2.36) | 0.27 | 33.36 |
| October |  |  | (2.36) | 0.26 | 31.26 |
| November |  |  | (2.36) | 0.24 | 29.14 |
| December |  |  | (2.36) | 0.22 | 27.00 |
| January | 2011 |  | (2.36) | 0.21 | 24.85 |
| February |  |  | (2.36) | 0.19 | 22.68 |
| March |  |  | (2.36) | 0.17 | 20.49 |
| April |  |  | (2.36) | 0.15 | 18.28 |
| May |  |  | (2.36) | 0.14 | 16.07 |
| June |  |  | (2.36) | 0.12 | 13.83 |
| July |  |  | (2.36) | 0.10 | 11.57 |
| August |  |  | (2.36) | 0.08 | 9.29 |
| September |  |  | (2.36) | 0.06 | 6.99 |
| October |  |  | (2.36) | 0.05 | 4.68 |
| November |  |  | (2.36) | 0.03 | 2.35 |
| December |  |  | (2.36) | 0.01 | 0.00 |
|  |  | 247.98 | (474.21) | 226.23 | 0.00 |

Collect Power Cost Deferral over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 Amounts | 185.98 | (21.23) | 5.98 | 170.73 |
|  | 1996 Amounts | 61.99 | (28.31) | 21.15 | 54.83 |
|  | 1997 Amounts | - | (28.31) | 21.23 | (7.08) |
|  | 1998 Amounts | - | (28.31) | 20.52 | (7.79) |
|  | 1999 Amounts | - | (28.31) | 19.73 | (8.58) |
|  | 2000 Amounts | - | (28.31) | 18.87 | (9.44) |
|  | 2001 Amounts | - | (28.31) | 17.92 | (10.39) |
|  | 2002 Amounts | - | (28.31) | 16.89 | (11.42) |
|  | 2003 Amounts | - | (28.31) | 15.74 | (12.57) |
|  | 2004 Amounts | - | (28.31) | 14.48 | (13.83) |
|  | 2005 Amounts | - | (28.31) | 13.14 | (15.17) |
|  | 2006 Amounts | - | (28.31) | 11.56 | (16.75) |
|  | 2007 Amounts | - | (28.31) | 9.90 | (18.41) |
|  | 2008 Amounts | - | (28.31) | 8.04 | (20.27) |
|  | 2009 Amounts | - | (28.31) | 6.00 | (22.31) |
|  | 2010 Amounts | - | (28.31) | 3.77 | (24.54) |
|  | 2011 Amounts | - | (28.31) | 1.31 | (27.00) |
|  | Totals | 247.98 | (474.21) | 226.23 | 0.00 |

Collect Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions


Collect Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (0.92) | 0.64 | 80.14 |  |
| July |  |  | (0.92) | 0.64 | 79.86 |  |
| August |  |  | (0.92) | 0.64 | 79.59 |  |
| September |  |  | (0.92) | 0.63 | 79.30 |  |
| October |  |  | (0.92) | 0.63 | 79.02 |  |
| November |  |  | (0.92) | 0.63 | 78.73 |  |
| December |  |  | (0.92) | 0.63 | 78.44 |  |
| January | 2000 |  | (0.92) | 0.62 | 78.15 |  |
| February |  |  | (0.92) | 0.62 | 77.85 |  |
| March |  |  | (0.92) | 0.62 | 77.56 |  |
| April |  |  | (0.92) | 0.62 | 77.26 |  |
| May |  |  | (0.92) | 0.61 | 76.96 |  |
| June |  |  | (0.92) | 0.61 | 76.65 |  |
| July |  |  | (0.92) | 0.61 | 76.35 | Total |
| August |  |  | (0.92) | 0.61 | 76.04 | Payments |
| September |  |  | (0.92) | 0.60 | 75.73 | (60.417) |
| October |  |  | (0.92) | 0.60 | 75.41 |  |
| November |  |  | (0.92) | 0.60 | 75.10 |  |
| December |  |  | (0.92) | 0.60 | 74.78 |  |
| January | 2001 |  | (0.92) | 0.59 | 74.45 |  |
| February |  |  | (0.92) | 0.59 | 74.13 |  |
| March |  |  | (0.92) | 0.59 | 73.80 |  |
| April |  |  | (0.92) | 0.59 | 73.48 |  |
| May |  |  | (0.92) | 0.58 | 73.14 |  |
| June |  |  | (0.92) | 0.58 | 72.81 |  |
| July |  |  | (0.92) | 0.58 | 72.47 |  |
| August |  |  | (0.92) | 0.58 | 72.14 |  |
| September |  |  | (0.92) | 0.57 | 71.79 |  |
| October |  |  | (0.92) | 0.57 | 71.45 |  |
| November |  |  | (0.92) | 0.57 | 71.10 |  |
| December |  |  | (0.92) | 0.56 | 70.75 |  |
| January | 2002 |  | (0.92) | 0.56 | 70.39 |  |
| February |  |  | (0.92) | 0.56 | 70.03 |  |
| March |  |  | (0.92) | 0.56 | 69.68 |  |
| April |  |  | (0.92) | 0.55 | 69.31 |  |
| May |  |  | (0.92) | 0.55 | 68.95 |  |
| June |  |  | (0.92) | 0.55 | 68.58 |  |
| July |  |  | (0.92) | 0.54 | 68.21 |  |
| August |  |  | (0.92) | 0.54 | 67.83 |  |
| September |  |  | (0.92) | 0.54 | 67.46 |  |
| October |  |  | (0.92) | 0.54 | 67.08 |  |
| November |  |  | (0.92) | 0.53 | 66.70 |  |
| December |  |  | (0.92) | 0.53 | 66.31 |  |
| January | 2003 |  | (0.92) | 0.53 | 65.92 |  |
| February |  |  | (0.92) | 0.52 | 65.53 |  |
| March |  |  | (0.92) | 0.52 | 65.13 |  |
| April |  |  | (0.92) | 0.52 | 64.74 |  |
| May |  |  | (0.92) | 0.51 | 64.33 |  |
| June |  |  | (0.92) | 0.51 | 63.93 |  |
| July |  |  | (0.92) | 0.51 | 63.52 |  |
| August |  |  | (0.92) | 0.50 | 63.11 |  |
| September |  |  | (0.92) | 0.50 | 62.69 |  |

Collect Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (0.92) | 0.50 | 62.28 |
| November |  |  | (0.92) | 0.49 | 61.85 |
| December |  |  | (0.92) | 0.49 | 61.43 |
| January | 2004 |  | (0.92) | 0.49 | 61.00 |
| February |  |  | (0.92) | 0.48 | 60.56 |
| March |  |  | (0.92) | 0.48 | 60.13 |
| April |  |  | (0.92) | 0.48 | 59.69 |
| May |  |  | (0.92) | 0.47 | 59.25 |
| June |  |  | (0.92) | 0.47 | 58.80 |
| July |  |  | (0.92) | 0.47 | 58.36 |
| August |  |  | (0.92) | 0.46 | 57.90 |
| September |  |  | (0.92) | 0.46 | 57.45 |
| October |  |  | (0.92) | 0.46 | 56.99 |
| November |  |  | (0.92) | 0.45 | 56.53 |
| December |  |  | (0.92) | 0.45 | 56.06 |
| January | 2005 |  | (0.92) | 0.44 | 55.58 |
| February |  |  | (0.92) | 0.44 | 55.11 |
| March |  |  | (0.92) | 0.44 | 54.63 |
| April |  |  | (0.92) | 0.43 | 54.15 |
| May |  |  | (0.92) | 0.43 | 53.66 |
| June |  |  | (0.92) | 0.43 | 53.18 |
| July |  |  | (0.92) | 0.42 | 52.68 |
| August |  |  | (0.92) | 0.42 | 52.19 |
| September |  |  | (0.92) | 0.41 | 51.68 |
| October |  |  | (0.92) | 0.41 | 51.18 |
| November |  |  | (0.92) | 0.41 | 50.67 |
| December |  |  | (0.92) | 0.40 | 50.16 |
| January | 2006 |  | (0.92) | 0.40 | 49.64 |
| February |  |  | (0.92) | 0.39 | 49.11 |
| March |  |  | (0.92) | 0.39 | 48.59 |
| April |  |  | (0.92) | 0.38 | 48.05 |
| May |  |  | (0.92) | 0.38 | 47.52 |
| June |  |  | (0.92) | 0.38 | 46.98 |
| July |  |  | (0.92) | 0.37 | 46.44 |
| August |  |  | (0.92) | 0.37 | 45.89 |
| September |  |  | (0.92) | 0.36 | 45.34 |
| October |  |  | (0.92) | 0.36 | 44.78 |
| November |  |  | (0.92) | 0.35 | 44.22 |
| December |  |  | (0.92) | 0.35 | 43.65 |
| January | 2007 |  | (0.92) | 0.35 | 43.09 |
| February |  |  | (0.92) | 0.34 | 42.51 |
| March |  |  | (0.92) | 0.34 | 41.93 |
| April |  |  | (0.92) | 0.33 | 41.35 |
| May |  |  | (0.92) | 0.33 | 40.76 |
| June |  |  | (0.92) | 0.32 | 40.17 |
| July |  |  | (0.92) | 0.32 | 39.57 |
| August |  |  | (0.92) | 0.31 | 38.97 |
| September |  |  | (0.92) | 0.31 | 38.36 |
| October |  |  | (0.92) | 0.30 | 37.75 |
| November |  |  | (0.92) | 0.30 | 37.13 |
| December |  |  | (0.92) | 0.29 | 36.51 |
| January | 2008 |  | (0.92) | 0.29 | 35.88 |

Collect Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization $\begin{gathered}\text { Interest on } \\ \text { Avg. Balance }\end{gathered}$ |  | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February |  |  | (0.92) | 0.28 | 35.24 |
| March |  |  | (0.92) | 0.28 | 34.61 |
| April |  |  | (0.92) | 0.27 | 33.96 |
| May |  |  | (0.92) | 0.27 | 33.32 |
| June |  |  | (0.92) | 0.26 | 32.66 |
| July |  |  | (0.92) | 0.26 | 32.01 |
| August |  |  | (0.92) | 0.25 | 31.34 |
| September |  |  | (0.92) | 0.25 | 30.68 |
| October |  |  | (0.92) | 0.24 | 30.00 |
| November |  |  | (0.92) | 0.24 | 29.33 |
| December |  |  | (0.92) | 0.23 | 28.64 |
| January | 2009 |  | (0.92) | 0.23 | 27.96 |
| February |  |  | (0.92) | 0.22 | 27.26 |
| March |  |  | (0.92) | 0.21 | 26.55 |
| April |  |  | (0.92) | 0.21 | 25.85 |
| May |  |  | (0.92) | 0.20 | 25.13 |
| June |  |  | (0.92) | 0.20 | 24.42 |
| July |  |  | (0.92) | 0.19 | 23.69 |
| August |  |  | (0.92) | 0.19 | 22.97 |
| September |  |  | (0.92) | 0.18 | 22.23 |
| October |  |  | (0.92) | 0.17 | 21.49 |
| November |  |  | (0.92) | 0.17 | 20.74 |
| December |  |  | (0.92) | 0.16 | 19.99 |
| January | 2010 |  | (0.92) | 0.16 | 19.23 |
| February |  |  | (0.92) | 0.15 | 18.47 |
| March |  |  | (0.92) | 0.14 | 17.69 |
| April |  |  | (0.92) | 0.14 | 16.91 |
| May |  |  | (0.92) | 0.13 | 16.13 |
| June |  |  | (0.92) | 0.13 | 15.34 |
| July |  |  | (0.92) | 0.12 | 14.55 |
| August |  |  | (0.92) | 0.11 | 13.74 |
| September |  |  | (0.92) | 0.11 | 12.94 |
| October |  |  | (0.92) | 0.10 | 12.12 |
| November |  |  | (0.92) | 0.09 | 11.30 |
| December |  |  | (0.92) | 0.09 | 10.47 |
| January | 2011 |  | (0.92) | 0.08 | 9.64 |
| February |  |  | (0.92) | 0.07 | 8.79 |
| March |  |  | (0.92) | 0.07 | 7.94 |
| April |  |  | (0.92) | 0.06 | 7.09 |
| May |  |  | (0.92) | 0.05 | 6.22 |
| June |  |  | (0.92) | 0.05 | 5.36 |
| July |  |  | (0.92) | 0.04 | 4.48 |
| August |  |  | (0.92) | 0.03 | 3.60 |
| September |  |  | (0.92) | 0.03 | 2.71 |
| October |  |  | (0.92) | 0.02 | 1.82 |
| November |  |  | (0.92) | 0.01 | 0.91 |
| December |  |  | (0.92) | - | (0.00) |
|  |  | 92.18 | (184.00) | 91.81 | (0.00) |

Collect Reg Assets over 17 years
Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit) Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 Amounts | 92.18 | (8.24) | 6.09 | 90.03 |
|  | 1996 Amounts | - | (10.98) | 8.49 | (2.49) |
|  | 1997 Amounts | - | (10.98) | 8.24 | (2.74) |
|  | 1998 Amounts | - | (10.98) | 7.95 | (3.03) |
|  | 1999 Amounts | - | (10.98) | 7.67 | (3.31) |
|  | 2000 Amounts | $\sim$ | (10.98) | 7.32 | (3.66) |
|  | 2001 Amounts | - | (10.98) | 6.95 | (4.03) |
|  | 2002 Amounts | - | (10.98) | 6.55 | (4.43) |
|  | 2003 Amounts | - | (10.98) | 6.10 | (4.88) |
|  | 2004 Amounts | - | (10.98) | 5.62 | (5.36) |
|  | 2005 Amounts | - | (10.98) | 5.08 | (5.90) |
|  | 2006 Amounts | - | (10.98) | 4.48 | (6.50) |
|  | 2007 Amounts | - | (10.98) | 3.84 | (7.14) |
|  | 2008 Amounts | - | (10.98) | 3.12 | (7.86) |
|  | 2009 Amounts | - | (10.98) | 2.33 | (8.65) |
|  | 2010 Amounts | - | (10.98) | 1.47 | (9.51) |
|  | 2011 Amounts | - | (10.98) | 0.51 | (10.47) |
|  | Totals | 92.18 | (184.00) | 91.81 | (0.00) |
|  |  |  |  |  | (0.00) |

Trojan Revenue Requirement

|  | (9 Mos) |  |  |  | (9 Mos) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{1 9 9 5}$ | $\mathbf{1 9 9 6}$ | $\mathbf{1 9 9 7}$ | $\mathbf{1 9 9 8}$ | $\mathbf{1 9 9 9}$ | $\mathbf{2 0 0 0}$ | Total |
| Return On | $25,229.73$ | $28,321.18$ | $25,789.47$ | $23,730.17$ | $21,135.53$ | $14,304.17$ | $138,510.26$ |
| Return Of | $39,139.29$ | $25,562.92$ | $23,697.17$ | $22,560.93$ | $26,519.19$ | $22,197.13$ | $159,676.63$ |
| Total | $64,369.02$ | $53,884.11$ | $49,486.64$ | $46,291.10$ | $47,654.72$ | $36,501.30$ | $298,186.89$ |

Description: Collect Trojan classified as plant-in-service over 17 year with no return on, adjust Net Benefits Test for SG, and lost PV of no "return on". Reduce Trojan balance with the entirety of the Boardman gain Collect SAVE,AMAX, Trojan Replacement Power Costs over 3 years through March 1998

| 259.96 | Reg Asset Balances @ 4/1/1995 (Items offset by Boardman Gain): |  |
| :---: | :--- | :--- |
| (111.15) | Trojan Pwr Cost Deferrals | 48.46 All per Order 95-2116 |
| 26.83 |  |  |
| 175.64 | AMAX | 15.84 |
|  | SAVE | 27.88 |
|  | Total | 92.18 3-Yr Collection |

Trojan Balance @4/1/1995
Boardman Gain Balance @ 4/1/1995
Adjustment to Net Benefit Test
New Trojan Balance @ 4/1/1995

## AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 150 BP ROE Increase 3-Year Amortization Period Dollars in Millions


Description: Collect Trojan classified as plant-in-service over 1 year with no return on, adjust Net Benefits Test for SG, and lost PV of no "return on". Reduce Trojan balance with the entirety of the Boardman gain.
Collect Power Cost Deferral, SAVE,AMAX, Trojan Replacement Power Costs over 10 years through March 2005.
340.16
$(80.20)$

| $(111.15)$ |
| ---: |
| 26.83 |
| 175.64 |
|  |
| 309.30 |

Reg Asset Balances @ 4/1/1995 (ltems offset by Boardman Gain): Trojan Pwr Cost Deferrals

Total UE-88 Power Cost Forecast
New Reg Asset - Power Costs
1st Yr Collection of Power Costs 137.78
171.52

229.96
Total Reg Assets @ 4/1/1995 229.96

Deferred Power Cost and Reg Asset Collection, Includes 25 BP ROE Increase 10-Year Amortization Period
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 103.66 | (2.90) | 0.40 | 101.16 |
| May |  | 11.48 | (2.90) | 0.85 | 110.60 |
| June |  | 11.48 | (2.90) | 0.92 | 120.10 |
| July |  | 11.48 | (2.90) | 1.00 | 129.68 |
| August |  | 11.48 | (2.90) | 1.07 | 139.33 |
| September |  | 11.48 | (2.90) | 1.15 | 149.06 |
| October |  | 11.48 | (2.90) | 1.23 | 158.87 |
| November |  | 11.48 | (2.90) | 1.31 | 168.76 |
| December |  | 11.48 | (2.90) | 1.39 | 178.73 |
| January | 1996 | 11.48 | (2.90) | 1.48 | 188.79 |
| February |  | 11.48 | (2.90) | 1.56 | 198.93 |
| March |  | 11.48 | (2.90) | 1.65 | 209.17 |
| April |  |  | (2.90) | 1.68 | 207.95 |
| May |  |  | (2.90) | 1.67 | 206.71 |
| June |  |  | (2.90) | 1.66 | 205.47 |
| July |  |  | (2.90) | 1.65 | 204.22 |
| August |  |  | (2.90) | 1.64 | 202.96 |
| September |  |  | (2.90) | 1.63 | 201.69 |
| October |  |  | (2.90) | 1.62 | 200.41 |
| November |  |  | (2.90) | 1.61 | 199.12 |
| December |  |  | (2.90) | 1.60 | 197.82 |
| January | 1997 |  | (2.90) | 1.59 | 196.51 |
| February |  |  | (2.90) | 1.58 | 195.19 |
| March |  |  | (2.90) | 1.57 | 193.86 |
| April |  |  | (2.90) | 1.56 | 192.52 |
| May |  |  | (2.90) | 1.55 | 191.17 |
| June |  |  | (2.90) | 1.54 | 189.81 |
| July |  |  | (2.90) | 1.52 | 188.43 |
| August |  |  | (2.90) | 1.51 | 187.04 |
| September |  |  | (2.90) | 1.50 | 185.64 |
| October |  |  | (2.90) | 1.49 | 184.23 |
| November |  |  | (2.90) | 1.48 | 182.81 |
| December |  |  | (2.90) | 1.47 | 181.37 |
| January | 1998 |  | (2.90) | 1.46 | 179.93 |
| February |  |  | (2.90) | 1.44 | 178.47 |
| March |  |  | (2.90) | 1.43 | 177.00 |
| April |  |  | (2.90) | 1.42 | 175.52 |
| May |  |  | (2.90) | 1.41 | 174.03 |
| June |  |  | (2.90) | 1.40 | 172.53 |
| July |  |  | (2.90) | 1.38 | 171.01 |
| August |  |  | (2.90) | 1.37 | 169.48 |
| September |  |  | (2.90) | 1.36 | 167.94 |
| October |  |  | (2.90) | 1.35 | 166.39 |
| November |  | , | (2.90) | 1.34 | 164.83 |
| December |  |  | (2.90) | 1.32 | 163.25 |
| January | 1999 |  | (2.90) | 1.31 | 161.66 |
| February |  |  | (2.90) | 1.30 | 160.06 |
| March |  |  | (2.90) | 1.28 | 158.44 |
| April |  |  | (2.90) | 1.27 | 156.81 |
| May |  |  | (2.90) | 1.26 | 155.17 |

Deferred Power Cost and Reg Asset Collection, Includes 25 BP ROE Increase 10-Year Amortization Period

## Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (2.90) | 1.24 | 153.51 |  |
| July |  |  | (2.90) | 1.23 | 151.84 |  |
| August |  |  | (2.90) | 1.22 | 150.15 |  |
| September |  |  | (2.90) | 1.20 | 148.45 |  |
| October |  |  | (2.90) | 1.19 | 146.74 |  |
| November |  |  | (2.90) | 1.18 | 145.02 |  |
| December |  |  | (2.90) | 1.16 | 143.28 |  |
| January | 2000 |  | (2.90) | 1.15 | 141.53 |  |
| February |  |  | (2.90) | 1.13 | 139.76 |  |
| March |  |  | (2.90) | 1.12 | 137.98 |  |
| April |  |  | (2.90) | 1.11 | 136.19 |  |
| May |  |  | (2.90) | 1.09 | 134.38 |  |
| June |  |  | (2.90) | 1.08 | 132.56 |  |
| July |  |  | (2.90) | 1.06 | 130.72 | Total |
| August |  |  | (2.90) | 1.05 | 128.87 | Payments |
| September |  |  | (2.90) | 1.03 | 127.00 | (191.434) |
| October |  |  | (2.90) | 1.02 | 125.12 |  |
| November |  |  | (2.90) | 1.00 | 123.22 |  |
| December |  |  | (2.90) | 0.99 | 121.31 |  |
| January | 2001 |  | (2.90) | 0.97 | 119.38 |  |
| February |  |  | (2.90) | 0.95 | 117.43 |  |
| March |  |  | (2.90) | 0.94 | 115.46 |  |
| April |  |  | (2.90) | 0.92 | 113.48 |  |
| May |  |  | (2.90) | 0.91 | 111.49 |  |
| June |  |  | (2.90) | 0.89 | 109.48 |  |
| July |  |  | (2.90) | 0.87 | 107.45 |  |
| August |  |  | (2.90) | 0.86 | 105.41 |  |
| September |  |  | (2.90) | 0.84 | 103.35 |  |
| October |  |  | (2.90) | 0.82 | 101.27 |  |
| November |  |  | (2.90) | 0.81 | 99.18 |  |
| December |  |  | (2.90) | 0.79 | 97.07 |  |
| January | 2002 |  | (2.90) | 0.77 | 94.94 |  |
| February |  |  | (2.90) | 0.76 | 92.80 |  |
| March |  |  | (2.90) | 0.74 | 90.64 |  |
| April |  |  | (2.90) | 0.72 | 88.46 |  |
| May |  |  | (2.90) | 0.70 | 86.26 |  |
| June |  |  | (2.90) | 0.69 | 84.05 |  |
| July |  |  | (2.90) | 0.67 | 81.82 |  |
| August |  |  | (2.90) | 0.65 | 79.57 |  |
| September |  |  | (2.90) | 0.63 | 77.30 |  |
| October |  |  | (2.90) | 0.61 | 75.00 |  |
| November |  |  | (2.90) | 0.60 | 72.70 |  |
| December |  |  | (2.90) | 0.58 | 70.38 |  |
| January | 2003 |  | (2.90) | 0.56 | 68.04 |  |
| February |  |  | (2.90) | 0.54 | 65.68 |  |
| March |  |  | (2.90) | 0.52 | 63.30 |  |
| April |  |  | (2.90) | 0.50 | 60.90 |  |
| May |  |  | (2.90) | 0.48 | 58.48 |  |
| June |  |  | (2.90) | 0.46 | 56.04 |  |
| July |  |  | (2.90) | 0.44 | 53.58 |  |
| August |  |  | (2.90) | 0.42 | 51.10 |  |
| September |  |  | (2.90) | 0.40 | 48.60 |  |

Deferred Power Cost and Reg Asset Collection, Includes 25 BP ROE Increase
10-Year Amortization Period
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (2.90) | 0.38 | 46.08 |
| November |  |  | (2.90) | 0.36 | 43.54 |
| December |  |  | (2.90) | 0.34 | 40.98 |
| January | 2004 |  | (2.90) | 0.32 | 38.40 |
| February |  |  | (2.90) | 0.30 | 35.80 |
| March |  |  | (2.90) | 0.28 | 33.18 |
| April |  |  | (2.90) | 0.26 | 30.54 |
| May |  |  | (2.90) | 0.24 | 27.88 |
| June |  |  | (2.90) | 0.21 | 25.18 |
| July |  |  | (2.90) | 0.19 | 22.47 |
| August |  |  | (2.90) | 0.17 | 19.74 |
| September |  |  | (2.90) | 0.15 | 16.99 |
| October |  |  | (2.90) | 0.13 | 14.22 |
| November |  |  | (2.90) | 0.10 | 11.42 |
| December |  |  | (2.90) | 0.08 | 8.60 |
| January | 2005 |  | (2.90) | 0.06 | 5.76 |
| February |  |  | (2.90) | 0.03 | 2.89 |
| March |  |  | (2.90) | 0.01 | 0.00 |
|  | Totals | 229.96 | (348.06) | 118.10 | 0.00 |
|  | 1995 Amounts | 195.52 | (26.10) | 9.32 | 178.73 |
|  | 1996 Amounts | 34.44 | (34.81) | 19.45 | 19.09 |
|  | 1997 Amounts | - | (34.81) | 18.36 | (16.45) |
|  | 1998 Amounts | - | (34.81) | 16.68 | (18.13) |
|  | 1999 Amounts | - | (34.81) | 14.84 | (19.97) |
|  | 2000 Amounts | - | (34.81) | 12.83 | (21.98) |
|  | 2001 Amounts | - | (34.81) | 10.57 | (24.24) |
|  | 2002 Amounts | - | (34.81) | 8.12 | (26.69) |
|  | 2003 Amounts | - | (34.81) | 5.40 | (29.41) |
|  | 2004 Amounts | - | (34.81) | 2.43 | (32.38) |
|  | 2005 Amounts | - | (8.70) | 0.10 | (8.60) |
|  | Totals | 229.96 | (348.06) | 118.10 | 0.00 |
|  |  |  |  |  | 0.00 |

Deferred Power Cost Collection, Includes 25 BP ROE Increase
10-Year Amortization Period
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 11.48 | (1.71) | 0.04 | 9.81 |
| May |  | 11.48 | (1.71) | 0.12 | 19.71 |
| June |  | 11.48 | (1.71) | 0.20 | 29.68 |
| July |  | 11.48 | (1.71) | 0.28 | 39.74 |
| August |  | 11.48 | (1.71) | 0.36 | 49.87 |
| September |  | 11.48 | (1.71) | 0.44 | 60.08 |
| October |  | 11.48 | (1.71) | 0.52 | 70.38 |
| November |  | 11.48 | (1.71) | 0.60 | 80.75 |
| December |  | 11.48 | (1.71) | 0.69 | 91.22 |
| January | 1996 | 11.48 | (1.71) | 0.78 | 101.77 |
| February |  | 11.48 | (1.71) | 0.86 | 112.41 |
| March |  | 11.48 | (1.71) | 0.95 | 123.13 |
| April |  |  | (1.71) | 0.99 | 122.41 |
| May |  |  | (1.71) | 0.98 | 121.69 |
| June |  |  | (1.71) | 0.98 | 120.96 |
| July |  |  | (1.71) | 0.97 | 120.22 |
| August |  |  | (1.71) | 0.97 | 119.48 |
| September |  |  | (1.71) | 0.96 | 118.74 |
| October |  |  | (1.71) | 0.95 | 117.98 |
| November |  |  | (1.71) | 0.95 | 117.22 |
| December |  |  | (1.71) | 0.94 | 116.45 |
| January | 1997 |  | (1.71) | 0.94 | 115.69 |
| February |  |  | (1.71) | 0.93 | 114.91 |
| March |  |  | (1.71) | 0.92 | 114.12 |
| April |  |  | (1.71) | 0.92 | 113.33 |
| May |  |  | (1.71.) | 0.91 | 112.54 |
| June |  |  | (1.71) | 0.90 | 111.73 |
| July |  |  | (1.71) | 0.90 | 110.92 |
| August |  |  | (1.71) | 0.89 | 110.10 |
| September |  |  | (1.71) | 0.88 | 109.28 |
| October |  |  | (1.71) | 0.88 | 108.45 |
| November |  |  | (1.71) | 0.87 | 107.61 |
| December |  |  | (1.71) | 0.86 | 106.76 |
| January | 1998 |  | (1.71) | 0.86 | 105.92 |
| February |  |  | (1.71) | 0.85 | 105.06 |
| March |  |  | (1.71) | 0.84 | 104.19 |
| April |  |  | (1.71) | 0.84 | 103.32 |
| May |  |  | (1.71) | 0.83 | 102.45 |
| June |  |  | (1.71) | 0.82 | 101.56 |
| July |  |  | (1.71) | 0.82 | 100.67 |
| August |  |  | (1.71) | 0.81 | 99.78 |
| September |  |  | (1.71) | 0.80 | 98.87 |
| October |  |  | (1.71) | 0.79 | 97.95 |
| November |  |  | (1.71) | 0.79 | 97.03 |
| December |  |  | (1.71) | 0.78 | 96.11 |
| January | 1999 |  | (1.71) | 0.77 | 95.17 |
| February |  |  | (1.71) | 0.76 | 94.22 |
| March |  |  | (1.71) | 0.76 | 93.27 |
| April |  |  | (1.71) | 0.75 | 92.32 |
| May |  |  | (1.71) | 0.74 | 91.35 |

## Deferred Power Cost Collection, Includes 25 BP ROE Increase

## 10-Year Amortization Period

Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (1.71) | 0.73 | 90.37 |  |
| July |  |  | (1.71) | 0.72 | 89.38 |  |
| August |  |  | (1.71) | 0.72 | 88.40 |  |
| September |  |  | (1.71) | 0.71 | 87.40 |  |
| October |  |  | (1.71) | 0.70 | 86.39 |  |
| November |  |  | (1.71) | 0.69 | 85.37 |  |
| December |  |  | (1.71) | 0.68 | 84.35 |  |
| January | 2000 |  | (1.71) | 0.68 | 83.32 |  |
| February |  |  | (1.71) | 0.67 | 82.28 |  |
| March |  |  | (1.71) | 0.66 | 81.23 |  |
| April |  |  | (1.71) | 0.65 | 80.18 |  |
| May |  |  | (1.71) | 0.64 | 79.11 |  |
| June |  |  | (1.71) | 0.63 | 78.03 |  |
| July |  |  | (1.71) | 0.62 | 76.94 | Total |
| August |  |  | (1.71) | 0.62 | 75.86 | Payments |
| September |  |  | (1.71) | 0.61 | 74.76 | (112.689) |
| October |  |  | (1.71) | 0.60 | 73.65 |  |
| November |  |  | (1.71) | 0.59 | 72.54 |  |
| December |  |  | (1.71) | 0.58 | 71.41 |  |
| January | 2001 |  | (1.71) | 0.57 | 70.27 |  |
| February |  |  | (1.71) | 0.56 | 69.12 |  |
| March |  |  | (1.71) | 0.55 | 67.97 |  |
| April |  |  | (1.71) | 0.54 | 66.80 |  |
| May |  |  | (1.71) | 0.53 | 65.62 | * |
| June |  |  | (1.71) | 0.52 | 64.43 |  |
| July |  |  | (1.71) | 0.51 | 63.24 |  |
| August |  |  | (1.71) | 0.50 | 62.03 |  |
| September |  |  | (1.71) | 0.50 | 60.82 |  |
| October |  |  | (1.71) | 0.49 | 59.60 |  |
| November |  |  | (1.71) | 0.48 | 58.38 |  |
| December |  |  | (1.71) | 0.47 | 57.14 |  |
| January | 2002 |  | (1.71) | 0.46 | 55.89 |  |
| February |  |  | (1.71) | 0.45 | 54.63 |  |
| March |  |  | (1.71) | 0.44 | 53.37 |  |
| April |  |  | (1.71) | 0.43 | 52.09 |  |
| May |  |  | (1.71) | 0.41 | 50.79 |  |
| June |  |  | (1.71) | 0.40 | 49.48 |  |
| July |  |  | (1.71) | 0.39 | 48.17 |  |
| August |  |  | (1.71) | 0.38 | 46.84 |  |
| September |  |  | (1.71) | 0.37 | 45.50 |  |
| October |  |  | (1.71) | 0.36 | 44.15 |  |
| November |  |  | (1.71) | 0.35 | 42.80 |  |
| December |  |  | (1.71) | 0.34 | 41.43 |  |
| January | 2003 |  | (1.71) | 0.33 | 40.05 |  |
| February |  |  | (1.71) | 0.32 | 38.67 |  |
| March |  |  | (1.71) | 0.31 | 37.27 |  |
| April |  |  | (1.71) | 0.29 | 35.85 |  |
| May |  |  | (1.71) | 0.28 | 34.42 |  |
| June |  |  | (1.71) | 0.27 | 32.99 |  |
| July |  |  | (1.71) | 0.26 | 31.54 |  |
| August |  |  | (1.71) | 0.25 | 30.08 |  |
| September |  |  | (1.71) | 0.24 | 28.61 |  |

## Deferred Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (1.71) | 0.22 | 27.13 |
| November |  |  | (1.71) | 0.21 | 25.63 |
| December |  |  | (1.71) | 0.20 | 24.12 |
| January | 2004 |  | (1.71) | 0.19 | 22.60 |
| February |  |  | (1.71) | 0.18 | 21.08 |
| March |  |  | (1.71) | 0.16 | 19.53 |
| April |  |  | (1.71) | 0.15 | 17.97 |
| May |  |  | (1.71) | 0.14 | 16.40 |
| June |  |  | (1.71) | 0.13 | 14.83 |
| July |  |  | (1.71) | 0.11 | 13.23 |
| August |  |  | (1.71) | 0.10 | 11.62 |
| September |  |  | (1.71) | 0.09 | 10.00 |
| October |  |  | (1.71) | 0.07 | 8.37 |
| November |  |  | (1.71) | 0.06 | 6.72 |
| December |  |  | (1.71) | 0.05 | 5.06 |
| January | 2005 |  | (1.71) | 0.03 | 3.38 |
| February |  |  | (1.71) | 0.02 | 1.70 |
| March |  |  | (1.71) | 0.01 | 0.00 |
|  | Totals | 137.78 | (204.89) | 67.11 | 0.00 |
|  | 1995 Amounts | 103.33 | (15.37) | 3.25 | 91.22 |
|  | 1996 Amounts | 34.44 | (20.49) | 11.28 | 25.24 |
|  | 1997 Amounts | - | (20.49) | 10.80 | (9.69) |
|  | 1998 Amounts | - | (20.49) | 9.83 | (10.66) |
|  | 1999 Amounts | - | (20.49) | 8.73 | (11.76) |
|  | 2000 Amounts | - | (20.49) | 7.55 | (12.94) |
|  | 2001 Amounts | - | (20.49) | 6.22 | (14.27) |
|  | 2002 Amounts | - | (20.49) | 4.78 | (15.71) |
|  | 2003 Amounts | - | (20.49) | 3.18 | (17.31) |
|  | 2004 Amounts | - | (20.49) | 1.43 | (19.06) |
|  | 2005 Amounts | - | (5.12) | 0.06 | (5.06) |
|  | Totals | 137.78 | (204.89) | 67.11 | - |

## AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 92.18 | (1.19) | 0.36 | 91.35 |
| May |  |  | (1.19) | 0.73 | 90.89 |
| June |  |  | (1.19) | 0.72 | 90.41 |
| July |  |  | '(1.19) | 0.72 | 89.94 |
| August |  |  | (1.19) | 0.72 | 89.47 |
| September |  | , | (1.19) | 0.71 | 88.99 |
| October |  | , | (1.19) | 0.71 | 88.50 |
| November |  |  | (1.19) | 0.70 | 88.01 |
| December |  |  | (1.19) | 0.70 | 87.52 |
| January | 1996 |  | (1.19) | 0.70 | 87.02 |
| February |  |  | (1.19) | 0.70 | 86.53 |
| March |  |  | (1.19) | 0.70 | 86.04 |
| April |  |  | (1.19) | 0.69 | 85.53 |
| May |  |  | (1.19) | 0.69 | 85.03 |
| June |  |  | (1.19) | 0.68 | 84.52 |
| July |  |  | (1.19) | 0.68 | 84.01 |
| August |  |  | (1.19) | 0.68 | 83.49 |
| September |  |  | (1.19) | 0.67 | 82.97 |
| October |  |  | (1.19) | 0.67 | 82.45 |
| November |  |  | (1.19) | 0.66 | 81.91 |
| December |  |  | (1.19) | 0.66 | 81.38 |
| January | 1997 |  | (1.19) | 0.65 | 80.84 |
| February |  |  | (1.19) | 0.65 | 80.29 |
| March |  |  | (1.19) | 0.65 | 79.75 |
| April |  |  | (1.19) | 0.64 | 79.20 |
| May |  |  | (1.19) | 0.64 | 78.65 |
| June |  |  | (1.19) | 0.63 | 78.08 |
| July |  |  | (1.19) | 0.63 | 77.52 |
| August |  |  | (1.19) | 0.62 | 76.95 |
| September |  |  | (1.19) | 0.62 | 76.37 |
| October |  |  | (1.19) | 0.61 | 75.79 |
| November |  |  | (1.19) | 0.61 | 75.21 |
| December |  |  | (1.19) | 0.60 | 74.62 |
| January | 1998 |  | (1.19) | 0.60 | 74.02 |
| February |  |  | (1.19) | 0.59 | 73.42 |
| March |  |  | (1.19) | 0.59 | 72.82 |
| April |  |  | (1.19) | 0.58 | 72.20 |
| May |  |  | (1.19) | 0.58 | 71.59 |
| June |  |  | (1.19) | 0.57 | 70.97 |
| July |  |  | (1.19) | 0.57 | 70.34 |
| August |  |  | (1.19) | 0.56 | 69.71 |
| September |  |  | (1.19) | 0.56 | 69.08 |
| October |  |  | (1.19) | 0.55 | 68.44 |
| November |  |  | (1.19) | 0.55 | 67.79 |
| December |  |  | (1.19) | 0.54 | 67.14 |
| January | 1999 |  | (1.19) | 0.54 | 66.49 |
| February |  |  | (1.19) | 0.53 | 65.82 |
| March |  |  | (1.19) | 0.53 | 65.16 |
| April |  |  | (1.19) | 0.52 | 64.49 |
| May |  |  | (1.19) | 0.52 | 63.81 |

AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period
Dollars in Millions

| Month |  | Accrual | Amortization |  | on ance | Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (1.19) |  | 0.51 | 63.13 |  |
| July |  |  | (1.19) |  | 0.51 | 62.45 |  |
| August |  |  | (1.19) |  | 0.50 | 61.76 |  |
| September |  |  | (1.19) |  | 0.50 | 61.06 |  |
| October |  |  | (1.19) |  | 0.49 | 60.36 |  |
| November |  |  | (1.19) |  | 0.48 | 59.65 |  |
| December |  |  | (1.19) |  | 0.48 | 58.93 |  |
| January | 2000 |  | (1.19) |  | 0.47 | 58.21 |  |
| February |  |  | (1.19) |  | 0.47 | 57.49 |  |
| March |  |  | (1.19) |  | 0.46 | 56.75 |  |
| April |  |  | (1.19) |  | 0.45 | 56.01 |  |
| May |  |  | (1.19) |  | 0.45 | 55.27 |  |
| June |  |  | (1.19) |  | 0.44 | 54.52 |  |
| July |  |  | (1.19) |  | 0.44 | 53.76 | Total |
| August |  |  | (1.19) |  | 0.43 | 53.00 | Payments |
| September |  |  | (1.19) |  | 0.42 | 52.23 | (78.736) |
| October |  |  | (1.19) |  | 0.42 | 51.45 |  |
| November |  |  | (1.19) |  | 0.41 | 50.67 |  |
| December |  |  | (1.19) |  | 0.41 | 49.89 |  |
| January | 2001 |  | (1.19) |  | 0.40 | 49.10 |  |
| February |  |  | (1.19) |  | 0.39 | 48.29 |  |
| March |  |  | (1.19) |  | 0.39 | 47.49 |  |
| April |  |  | (1.19) |  | 0.38 | 46.68 |  |
| May |  |  | (1.19) |  | 0.37 | 45.85 |  |
| June |  |  | (1.19) |  | 0.37 | 45.03 |  |
| July |  |  | (1.19) |  | 0.36 | 44.20 |  |
| August |  |  | (1.19) |  | 0.35 | 43.35 |  |
| September |  |  | (1.19) |  | 0.35 | 42.51 |  |
| October |  |  | (1.19) |  | 0.34 | 41.66 |  |
| November |  |  | (1.19) |  | 0.33 | 40.80 |  |
| December |  |  | (1.19) |  | 0.33 | 39.93 |  |
| January | 2002 |  | (1.19) |  | 0.32 | 39.06 |  |
| February |  |  | (1.19) |  | 0.31 | 38.18 |  |
| March |  |  | (1.19) |  | 0.30 | 37.28 |  |
| April |  |  | (1.19) |  | 0.30 | 36.39 |  |
| May |  |  | (1.19) |  | 0.29 | 35.49 |  |
| June |  |  | (1.19) |  | 0.28 | 34.57 |  |
| July |  |  | (1.19) |  | 0.28 | 33.66 |  |
| August |  |  | (1.19) |  | 0.27 | 32.74 |  |
| September |  |  | (1.19) |  | 0.26 | 31.81 |  |
| October |  |  | (1.19) |  | 0.25 | 30.86 |  |
| November |  |  | (1.19) |  | 0.25 | 29.92 |  |
| December |  |  | (1.19) |  | 0.24 | 28.97 |  |
| January | 2003 |  | (1.19) |  | 0.23 | 28.00 |  |
| February |  |  | (1.19) |  | 0.22 | 27.03 |  |
| March |  |  | (1.19) |  | 0.21 | 26.05 |  |
| April |  |  | (1.19) |  | 0.21 | 25.07 |  |
| May |  |  | (1.19) |  | 0.20 | 24.07 |  |
| June |  |  | (1.19) |  | 0.19 | 23.07 |  |
| July |  |  | (1.19) |  | 0.18 | 22.06 |  |
| August |  |  | (1.19) |  | 0.17 | 21.03 |  |
| September |  |  | (1.19) |  | 0.17 | 20.01 |  |

AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (1.19) | 0.16 | 18.98 |
| November |  |  | (1.19) | 0.15 | 17.93 |
| December |  |  | (1.19) | 0.14 | 16.88 |
| January | 2004 |  | (1.19) | 0.13 | 15.82 |
| February |  |  | (1.19) | 0.12 | 14.75 |
| March |  |  | (1.19) | 0.11 | 13.66 |
| April |  |  | (1.19) | 0.11 | 12.58 |
| May |  |  | (1.19) | 0.10 | 11.49 |
| June |  |  | (1.19) | 0.09 | 10.38 |
| July |  |  | (1.19) | 0.08 | 9.27 |
| August |  |  | (1.19) | 0.07 | 8.15 |
| September |  |  | (1.19) | 0.06 | 7.01 |
| October |  |  | (1.19) | 0.05 | 5.87 |
| November |  |  | (1.19) | 0.04 | 4.72 |
| December |  |  | (1.19) | 0.03 | 3.56 |
| January | 2005 |  | (1.19) | 0.02 | 2.38 |
| February |  |  | (1.19) | 0.01 | 1.20 |
| March |  |  | (1.19) | - | 0.01 |
|  | Totals | 92.18 | (143.16) | 50.98 | 0.01 |
|  | 1995 Amounts | 92.18 | (10.74) | 6.07 | 87.52 |
|  | 1996 Amounts | - | (14.32) | 8.18 | (6.14) |
|  | 1997 Amounts | - | (14.32) | 7.55 | (6.77) |
|  | 1998 Amounts | - | (14.32) | 6.84 | (7.48) |
|  | 1999 Amounts | - | (14.32) | 6.11 | (8.21) |
|  | 2000 Amounts | - | (14.32) | 5.27 | (9.05) |
|  | 2001 Amounts | - | (14.32) | 4.36 | (9.96) |
|  | 2002 Amounts | - | (14.32) | 3.35 | (10.97) |
|  | 2003 Amounts | - | (14.32) | 2.23 | (12.09) |
|  | 2004 Amounts | - | (14.32) | 0.99 | (13.33) |
|  | 2005 Amounts | - | (3.58) | 0.03 | (3.55) |
|  | Totals | 92.18 | (143.16) | 50.98 | 0.01 |
|  |  |  |  |  | 0.01 |

$$
\begin{array}{r}
1,822,589.00 \\
224,839.00 \\
\hline 1,597,750.00 \\
\\
1.69436 \\
46.47 \% \\
\\
12,580.19 \\
3,145.05 \\
18,870.28
\end{array}
$$


1996 Test-Year Ratebase:
Trojan Portion:
1996 Test-Year Ratebase Net of Trojan:

Net to Gross Factor:
Equity Percentage:

Effect of One-Percent Increase in ROE:
Effect of $\mathbf{2 5}$ BP Change in ROE
Effect of $\mathbf{1 5 0} \mathbf{~ B P ~ C h a n g e ~ i n ~ R O E ~}$
Effect of Changing ROE on Revenue Requirement
Based on Rate Base Balances Per UE-88 and UE-93 (Includes Trojan classified as plant-in-service)
Dollars in \$000s

|  | B4 Class | After Class |  |
| :---: | :---: | :---: | :---: |
| 1995 Test-Year Ratebase: | 1,623,440.00 | 1,623,440.00 | 1996 Test-Year Ratebase: |
| Trojan Portion: | 240,137.00 | 183,519.90 | Trojan Portion: |
| 1995 Test-Year Ratebase Net of Trojan: | 1,383,303.00 | 1,439,920.10 | 1996 Test-Year Ratebase Net of Trojan: |
| Net to Gross Factor. | 1.69436 | 1.69436 | Net to Gross Factor: |
| Equity Percentage: | 45.44\% | 45.44\% | Equity Percentage: |
| Effect of One-Percent Increase in ROE: | 10,650.29 | 11,086.19 | Effect of One-Percent Increase in ROE: |
| Effect of 25 BP Change in ROE |  | 2,771.55 | Effect of 25 BP Change in ROE |
| Effect of 150 BP Change in ROE |  | 16,629.29 | Effect of 150 BP Change in ROE |

Calculation of Interest on Revenue Requirement Differential
1 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 820.51 | - | 3.29 | 823.80 |
| May |  | 820.51 | - | 9.89 | 1,654.19 |
| June |  | 820.51 | - | 16.55 | 2,491.25 |
| July |  | 820.51 | - | 23.26 | 3,335.02 |
| August |  | 820.51 | - | 30.03 | 4,185.56 |
| September |  | 820.51 | - | 36.85 | 5,042.91 |
| October |  | 820.51 | - | 43.72 | 5,907.14 |
| November |  | 973.33 | - | 51.27 | 6,931.74 |
| December |  | 2,348.77 | - | 64.99 | 9,345.50 |
| January | 1996 | 2,348.77 | - | 85.16 | 11,779.44 |
| February |  | 2,348.77 | - - | 104.86 | 14,233.07 |
| March |  | 2,348.77 | - | 124.72 | 16,706.56 |
| April |  | (260.49) | - | 134.18 | 16,580.24 |
| May |  | (260.49) | - | 133.16 | 16,452.91 |
| June |  | (260.49) | - | 132.13 | 16,324.55 |
| July |  | (260.49) | - | 131.09 | 16,195.14 |
| August |  | (260.49) | - | 130.04 | 16,064.69 |
| September |  | (260.49) | - | 128.99 | 15,933.18 |
| October |  | (260.49) | - | 127.92 | 15,800.61 |
| November |  | (260.49) | - | 126.85 | 15,666.97 |
| December |  | 107.19 | - | 127.25 | 15,901.41 |
| January | 1997 | 107.19 | - | 129.15 | 16,137.76 |
| February |  | 107.19 | - | 131.07 | 16,376.02 |
| March |  | 107.19 | - | 132.99 | 16,616.20 |
| April |  | 107.19 | - | 134.94 | 16,858.34 |
| May |  | 107.19 | - | 136.90 | 17,102.43 |
| June |  | 107.19 | - | 138.87 | 17,348.50 |
| July |  | 107.19 | - | 140.87 | 17,596.56 |
| August |  | 107.19 | - | 142.87 | 17,846.63 |
| September |  | 107.19 | - | 144.90 | 18,098.72 |
| October |  | 107.19 | - | 146.94 | 18,352.86 |
| November |  | 107.19 | - | 149.00 | 18,609.05 |
| December |  | 107.19 | - | 151.07 | 18,867.32 |
| January | 1998 | 107.19 | - | 153.16 | 19,127.67 |
| February |  | 107.19 | - | 155.27 | 19,390.13 |
| March |  | 107.19 | - | 157.39 | 19,654.72 |
| April |  | 107.19 | - | 159.53 | 19,921.44 |
| May |  | 107.19 | - | 161.69 | 20,190.33 |
| June |  | 107.19 | - | 163.87 | 20,461.39 |
| July |  | 107.19 | - | 166.06 | 20,734.65 |
| August |  | 107.19 | - | 168.28 | 21,010.12 |
| September |  | 107.19 | - | 170.51 | 21,287.83 |
| October |  | 107.19 | - | 172.75 | 21,567.77 |
| November |  | 107.19 | - | 175.02 | 21,849.98 |
| December |  | 107.19 | - | 177.31 | 22,134.49 |
| January | 1999 | 107.19 | - | 179.61 | 22,421.29 |
| February |  | 107.19 | - | 181.93 | 22,710.42 |
| March |  | 107.19 | - | 184.27 | 23,001.88 |
| April |  | 107.19 | - | 186.63 | 23,295.71 |
| May |  | 107.19 | - | 189.01 | 23,591.91 |

Calculation of Interest on Revenue Requirement Differential 1 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  | 107.19 | - | 191.41 | 23,890.52 |
| July |  | 107.19 | - | 193.82 | 24,191.53 |
| August |  | 107.19 | - | 196.26 | 24,494.98 |
| September |  | 107.19 | - | 198.72 | 24,800.90 |
| October |  | 107.19 | - | 201.19 | 25,109.28 |
| November |  | 107.19 | - | 203.69 | 25,420.17 |
| December |  | 107.19 | - | 206.20 | 25,733.56 |
| January | 2000 | 107.19 | - | 208.74 | 26,049.50 |
| February |  | 107.19 | - | 211.30 | 26,367.99 |
| March | - | 107.19 | - | 213.88 | 26,689.07 |
| April |  | 107.19 | - | 216.48 | 27,012.74 |
| May |  | 107.19 | - | 219.10 | 27,339.04 |
| June |  | 107.19 | - | 221.74 | 27,667.97 |
| July |  | 107.19 | - | 224.40 | 27,999.56 |
| August |  | 107.19 | - | 227.08 | 28,333.84 |
| September |  | 107.19 | - | 229.79 | 28,670.82 |
|  | Totals | 18,958.96 | - | 9,711.86 | 28,670.82 |
|  | 1995 Amounts | 9,065.65 | - | 279.85 | 9,345.50 |
|  | 1996 Amounts | 5,069.56 | - | 1,486.35 | 6,555.91 |
|  | 1997 Amounts | 1,286.33 | - | 1,679.57 | 2,965.90 |
|  | 1998 Amounts | 1,286.33 | - | 1,980.84 | 3,267.17 |
|  | 1999 Amounts | 1,286.33 | - | 2,312.74 | 3,599.07 |
|  | 2000 Amounts | 964.75 | - | 1,972.51 | 2,937.26 |
|  | Totals | 18,958.96 | - | 9,711.86 | 28,670.82 |
|  |  |  |  |  | 28,670.82 |

Calculation of Interest on Revenue Requirement Differential
17 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 7.93 | - | 0.03 | 7.96 |
| May |  | 7.93 | - | 0.10 | 16.00 |
| June | , | 7.93 | - | 0.17 | 24.10 |
| July |  | 7.93 | - | 0.24 | 32.28 |
| August |  | 7.93 | - | 0.31 | 40.52 |
| September |  | 7.93 | - | 0.38 | 48.84 |
| October |  | 7.93 | - | 0.45 | 57.22 |
| November |  | 180.67 | - | 1.25 | 239.15 |
| December |  | 1,735.30 | - | 9.40 | 1,983.85 |
| January | 1996 | 1,735.30 | - | 24.46 | 3,743.61 |
| February |  | 1,735.30 | - | 39.56 | 5,518.47 |
| March |  | 1,735.30 | - | 54.79 | 7,308.56 |
| April |  | 2,281.06 | - | 72.48 | 9,662.10 |
| May |  | 2,281.06 | - | 92.67 | 12,035.84 |
| June |  | 2,281.06 | - | 113.04 | 14,429.94 |
| July |  | 2,281.06 | - | 133.58 | 16,844.58 |
| August |  | 2,281.06 | - | 154.29 | 19,279.94 |
| September |  | 2,281.06 | - | 175.18 | 21,736.18 |
| October |  | 2,281.06 | - | 196.26 | 24,213.51 |
| November |  | 2,281.06 | - | 217.51 | 26,712.08 |
| December |  | 718.44 | - | 232.24 | 27,662.76 |
| January | 1997 | 718.44 | - | 240.40 | 28,621.61 |
| February |  | 718.44 | - | 248.62 | 29,588.67 |
| March |  | 718.44 | - | 256.92 | 30,564.04 |
| April |  | 718.44 | - | 265.29 | 31,547.77 |
| May |  | 718.44 | - | 273.73 | 32,539.95 |
| June |  | 718.44 | - | 282.24 | 33,540.63 |
| July |  | 718.44 | - | 290.82 | 34,549.90 |
| August |  | 718.44 | - | 299.48 | 35,567.82 |
| September |  | 718.44 | - | 308.21 | 36,594.47 |
| October |  | 718.44 | - | 317.02 | 37,629.94 |
| November |  | 718.44 | - | 325.90 | 38,674.28 |
| December |  | 718.44 | - | 334.86 | 39,727.59 |
| January | 1998 | 718.44 | - | 343.90 | 40,789.93 |
| February |  | 718.44 | - | 353.01 | 41,861.39 |
| March |  | 718.44 | - | 362.20 | 42,942.03 |
| April |  | 718.44 | - | 371.48 | 44,031.96 |
| May |  | 718.44 | - | 380.83 | 45,131.23 |
| June |  | 718.44 | - | 390.26 | 46,239.93 |
| July |  | 718.44 | - | 399.77 | 47,358.15 |
| August |  | 718.44 | - | 409.36 | 48,485.95 |
| September |  | 718.44 | - | 419.04 | 49,623.44 |
| October |  | 718.44 | - | 428.79 | 50,770.67 |
| November |  | 718.44 | - | 438.64 | 51,927.76 |
| December |  | 718.44 | - | 448.56 | 53,094.76 |
| January | 1999 | 718.44 | - | 458.57 | 54,271.78 |
| February |  | 718.44 | - | 468.67 | 55,458.89 |
| March |  | 718.44 | - | 478.86 | 56,656.20 |
| April |  | 718.44 | - | 489.13 | 57,863.77 |
| May |  | 718.44 | - | 499.49 | 59,081.70 |

Calculation of Interest on Revenue Requirement Differential 17 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  | 718.44 | - | 509.94 | 60,310.09 |
| July |  | 718.44 | - | 520.47 | 61,549.00 |
| August |  | 718.44 | - | 531.10 | 62,798.55 |
| September |  | 718.44 | - | 541.82 | 64,058.81 |
| October |  | 718.44 | - | 552.63 | 65,329.89 |
| November |  | 718.44 | - | 563.54 | 66,611.87 |
| December |  | 718.44 | - | 574.54 | 67,904.86 |
| January | 2000 | 718.44 | - | 585.63 | 69,208.93 |
| February |  | 718.44 | - | 596.82 | 70,524.20 |
| March |  | 718.44 | - | 608.10 | 71,850.74 |
| April |  | 718.44 | - | 619.48 | 73,188.66 |
| May |  | 718.44 | - | 630.96 | 74,538.07 |
| June |  | 718.44 | - | 642.53 | 75,899.04 |
| July |  | 718.44 | - | 654.21 | 77,271.70 |
| August |  | 718.44 | - | 665.98 | 78,656.12 |
| September |  | 718.44 | - | 677.86 | 80,052.43 |
|  | Totals | $58,474.38$ | - | 21,578.05 | 80,052.43 |
|  | 1995 Amounts | 1,971.52 | - | 12.33 | 1,983.85 |
|  | 1996 Amounts | 24,172.86 | - | 1,506.06 | 25,678.92 |
|  | 1997 Amounts | 8,621.33 | - | 3,443.49 | 12,064.82 |
|  | 1998 Amounts | 8,621.33 | - | 4,745.84 | 13,367.17 |
|  | 1999 Amounts | 8,621.33 | - | 6,188.76 | 14,810.09 |
|  | 2000 Amounts | 6,466.00 | - | 5,681.57 | 12,147.57 |
|  | Totals | 58,474.38 | - | 21,578.05 | 80,052.43 |
|  |  |  |  |  | 80,052.43 |

1 Higher Cost of Continued Operation over 1996 phase-out ..... 110.0
2 Higher Cost of 1996 phase-out over immediate shutdown ..... 78.0
3 Net Benefit of Closing Trojan per PGE 1992 IRP and Update ..... 188.0
Staff Proposed Adjustments to Net Benefit Test (See UE-88, Staff/105, Sparling/13)
Adjustments for Allowable Costs:
4 Steam Generator Replacement Costs ..... -183.1
545 MW Capacity Increase ..... 2.2
6 Fixed O\&M Costs @ 102.25 MM/yr (\$92) escalated @ 1.5\% ..... -482.7
7 Capacity Factor @ 69.6\% ..... -318.4
8 Subtotal - Staff Proposed Adjustments for Allowable Costs ..... $-982.0$
Adjustments to Update with Current Information:
9 Transition Costs ..... 78.7
10 Short-run Replacement Power Costs ..... 115.7
11 Gas Prices ..... 356.8
12 Capital Costs of gas-fired resources ..... 202.1
13 Subtotal - Staff Proposed Updates for Current Information ..... 753.3
14 Adjustments for 1995-2011 Study Period ..... 12.5
15 Total Net Benefit (\$92) ..... -28.3
16 PGE Share @ 67.5\% (\$92) ..... -19.1
17 PGE Share @ 67.5\% (\$95) - Staff Net Benefit Result ..... -23.6
Commission Adjustments to Staff Result (Order 95-322, pg. 52)
18 Janaury 1995-June 1996 uprate to 45 MW ..... -6.1
19 Increase Capactity Factor by .65 percent ..... -20.5
20 Decrease imputed Fixed O\&M by $\$ 5.8$ million ..... -51.8
21 Update to Nuclear Fuel Assumptions ..... 25.7
22 Update to Staff's Carrying Costs ..... 68.9
23 Update to Capital Costs of Replacement Resources ..... -16.0
24 Adjustment for Interaction ..... 3.0
25 Total Commission Adjustments to Staff Net Benefit Test ..... 3.2
26 Commission Approved Net Benefit Result ..... -20.4

Net Benefit Test Results for Scenarios
Dollars in millions

|  | Scenario 1 | Description |
| :---: | :---: | :---: |
| Original After-Tax Net Benefit (UE-88) | (20.40) | Recover Trojan over 1 year with no "return on" Adjust net benefit test accordingly. |
| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) |  |
| Lost PV - Trojan over 1 Year with no "Return on" | 23.11 |  |
| Adjusted Net Benefit Test Result | (3.72) |  |
| Therefore, partial restoration of UE-88 net benefit test write-off. | 23.11 | Partial Restoration of UE-88 Net Benefit Write-off |
|  | $\begin{gathered} \text { Scenario } \\ 2 \\ \hline \end{gathered}$ | Description |
| Original After-Tax Net Benefit (UE-88) | (20.40) | Recover Trojan over 1 year with no "return on" Add back recovery of steam generator under continued ops |
| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) | Classify 80 MM of Trojan as Plant in Service |
| Lost PV - Net Trojan over 1 Year with no "Return on" | 10.12 | Reduce Remaining Trojan Balance by Boardman Credit |
| Recover Steam Generator in closure scenario | 183.10 |  |
| Adjusted Net Benefit Result | 166.40 |  |
| Therefore, full restoration of UE-88 net benefit test write-off | 26.83 | Restoration of UE-88 Net Benefit Write-off |
|  | Scenario 3 | Description |
| Original After-Tax Net Benefit (UE-88) | (20.40) | Recover Trojan over 17 years with no "return on" Add back recovery of steam generator under continued ops |
| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) | Classify 80 MM of Trojan as Plant in Service |
| Lost PV - Net Trojan over 1 Year with no "Return on" | 99.39 | Reduce Remaining Trojan Balance by Boardman Credit |
| Recover Steam Generator in closure scenario | 183.10 | Share 20\% of Net Benefit Test Savings |
| Adjusted Net Benefit Result | 255.66 |  |
| Therefore, full restoration of UE-88 net benefit test write-off and $20 \%$ Share of Savings (\$256 MM) | 26.83 | Restoration of UE-88 Net Benefit Write-off |
|  | 51.13 | PGE Share of Savings at $20 \%$ |

## Other Net-Benefit Test Results Support for Various Figures in Lesh Testimony

| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) |
| :--- | :---: |
| Economic Value of No Return On Trojan Over 17 Years | 182.02 |
| Adjusted Net Benefit Result | 155.19 |
|  |  |
|  |  |
| Pre-Tax Equivalent Based on PGE Writeoff | $(26.83)$ |
| Recover Steam Generator in closure scenario | 183.10 |
| Lost PV - Trojan over 1 Year with no "Return on" | 23.11 |
| Adjusted Net Benefit Result | 179.38 |
|  |  |
|  |  |
| Pre-Tax Equivalent Based on PGE Writeoff |  |
| Economic Value of No Return On Trojan Over 17 Years | $182.83)$ |
| Recover Steam Generator in closure scenario | 183.10 |
| Adjusted Net Benefit Result | 338.29 |

## Return Forgone Under One-Year Recovery

340,162.44
$(66,526.00)$
$(9,756.00)$
$263,880.44$
23,108.23
(5,536.78)
$17,571.46$
$281,451.89$

Revised Pre-Tax Balance:
Revised Deferred Tax Balance: Revised Deferred ITC Balance: Revised After-Tax Balance:

| $363,270.67$ |
| ---: |
| $(72,062.78)$ |
| $(9,756.00)$ |
| $281,451.89$ |

Order 95-322 Authorized Pre-Tax Cost of Capital for 04/01/95-12/31/95 Period:
Order 95-322 Authorized Pre-Tax Cost of Capital for 01/01/96-04/01/96 Period:
13.22\%
$13.32 \%$

|  | Ending <br> Balance | Cost of <br> Average <br> Balance |
| ---: | ---: | ---: |
| Mar-95 | $281,451.89$ |  |
| Apr-95 | $257,997.57$ | $2,805.30$ |
| May-95 | $234,543.25$ | $2,561.36$ |
| Jun-95 | $211,088.92$ | $2,317.42$ |
| Jul-95 | $187,634.60$ | $2,073.48$ |
| Aug-95 | $164,180.27$ | $1,829.54$ |
| Sep-95 | $140,725.95$ | $1,585.60$ |
| Oct-95 | $117,271.62$ | $1,341.66$ |
| Nov-95 | $93,817.30$ | $1,097.73$ |
| Dec-95 | $70,362.97$ | 853.79 |
| Jan-96 | $46,908.65$ | 614.21 |
| Feb-96 | $23,454.32$ | 368.52 |
| Mar-96 | $(0.00)$ | 122.84 |
| Total |  |  |
|  |  | $17,571.46$ |

Rev. Req. Model
Inputs in yellow
Figures Based on UE-88-1995 Test Year (Order 95-322)

|  |  | At Current Rates | Additional Rev for 11.6\% ROE | Proposed | 45,250.70 | $(1,911)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sales to Consumers | \% 89886, | 47,162 | 933,265 | 47,162.14 |  |
|  | Sales for Rèsale | - - |  | - | 49,073.67 | 1,912 |
|  | Other Revenues | \% 10,795 |  | 10,795 |  |  |
| 4 Total Operating Revenues |  | 896,898 | 47,162 | 944,060 | Rate Base w/Trojan |  |
|  |  | RB |  |  | 1,622,560 |
|  | Net Variable Power Costs |  | \% 306,799 |  | 306,799 | COE | 19.16\% |
|  | Fixed Power Costs | แ.71,532 |  | 71,532 | COD | 7.710\% |
|  | Other O\&M | \% 5134,640 | 1,193 | 135,833 | Cap Change | 1\% |
|  | Total Operating \& Maintenance | 512,971 | 1,193 | 514,164 | Rev Req | 1,857 |
|  | Depreciation/Amort | - 148,882 |  | 146,882 | Approx Rate | Base w/o Trojan |
|  | Taxes Other Than Income | \% 48579 |  | 48,579 | RB | 1,372,560 Trojan about \$250 MM |
|  | Utility Income Tax | 61,958 | 18,121 | 80,079 | COE | 19.16\% |
|  | Total Operating Expenses \& Taxes | 770,390 | 19,314 | 789,704 | COD | 7.710\% |
| 13 Utility Operating Income |  | 126,508 | 27,848 | 154,356 | Cap Change | 1\% |
|  |  |  |  |  | Rev Req | 1,571 |
| 14 Average Rate Base |  |  |  |  |  |  |
| 15 | Rate Base | 1,5858834 |  | 1,585,834 | 10\% Change | e in Cap Structure (9 months): |
| 16 | Working Cash | S 36726. | 879 | 37,605 | Pre-Tax |  |
|  | Average Rate Base | 1,622,560 | 879 | 1,623,439 | After Tax | \%..7070 |
|  | Rate of Return | 7.80\% |  | 9.51\% |  |  |
|  | Implied Return on Equity | 7.83\% |  | 11.60\% |  |  |
| 20 | Effective Cost of Debt | \%2.710\% | 7.710\% | 7.710\% |  |  |
|  | Effective Cost of Preferred | 8.270\% | 8.270\% | 8.270\% |  |  |
|  | Debt Share of Cap Structure | \#\% 49.14\% | 49.14\% | 49.14\% |  |  |
|  | Preferred Share of Cap Structure | \# $5642 \%$ | 5.42\% | 5.42\% |  |  |
|  | Weighted Cost of Debt | 3.789\% | 3.789\% | 3.789\% |  |  |
| 25 | Weighted Cost of Preferred | 0.448\% | 0.448\% | 0.448\% |  |  |
| 26 | Equity Share of Cap Structure | 45.44\% | 45.44\% | 45.44\% |  |  |
|  | State Tax Rate | W\% 6.672\% | 6.672\% | 6.672\% |  |  |
| 28 | Federal Tax Rate | 35.120\% | 35.120\% | 35.120\% |  |  |
| 29 | Composite Tax Rate | 39.449\% | 39.449\% | 39.449\% |  |  |
| 30 | Bad Debt/FF/OPUC Rate | \% ${ }^{\text {2 }}$ 230\% | 2.530\% | 2.530\% |  |  |
|  | Working Cash Factor | - $4.560 \%$ | 4.550\% | 4.550\% |  |  |
|  | Gross-Up Factor | 1.651 | 1.651 | 1.651 |  |  |
|  | ROE Target | \$1 $11.60 \%$ | 11.60\% | 11.600\% |  |  |
|  | Grossed-Up COC | 13.23\% | 13.23\% | 13.23\% |  |  |
| Utility Income Taxes |  |  |  |  |  |  |
| 30 | Book Revenues | 896,898 | 47,162 | 944,060 |  |  |
|  | Book Expenses | 672,077 | 1,193 | 673,270 |  |  |
|  | Interest Deduction | 61,474 | 33 | 61,507 |  |  |
| 33 | Deferred Ms | \% (28,219) | - | $(28,219)$ |  |  |
|  | Book Taxable Income | 191,566 | 45,936 | 237,502 |  |  |
| 35 | State Taxes | 12,781 | 3,065 | 15,846 |  |  |
| 36 | State Tax Credits | 3)(166) | - | (166) |  |  |
| 37 | Net State Taxes | 12,615 | 3,065 | 15,680 |  |  |
|  | Federal Taxable Income | 178,951 | 42,871 | 221,822 |  |  |
| 39 | Federal Taxes | 62,848 | 15,056 | 77,904 |  |  |
| 40 | ITC Amort | \%.. (1,885) | - | $(1,985)$ |  |  |
| 41 | Deferred Taxes | W | - | $(11,520)$ |  |  |
|  | Total Income Tax Expense | 61,958 | 18,121 | 80,079 |  |  |

As of September 30, 2000


| As of September 30, 2000 |  |  |  |
| :---: | :---: | :---: | :---: |
| FERC |  |  |  |
| Account | Description | Debit | Credit |
| (7) |  |  |  |
| 229 | Accum Provision for Rate Refunds (USDOE Spent Nuc Fuel Credit) | 2,524,342.44 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 2,524,342.44 |
| To clear balance sheet accounts for USDOE Spent Nuc Fuel Credit |  |  |  |
| (8) |  |  |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) | 999,385.00 |  |
| 190 | Deferred Tax Assets (USDOE Spent Nuc Fuel Credit) |  | 999,385.00 |
|  | To clear balance sheet accounts for deferred taxes related to |  |  |
|  | USDOE Spent Nuc Fuel Credit |  |  |
| (9) |  |  |  |
| 254 | Other Regulatory Liabilities (SCE Settlement) | 71,800,079.03 |  |
| 254 | Other Regulatory Liabilities (Merger obligation) |  |  |
| 254 | Other Regulatory Liabilities (CRPUD Sale) | 3,969,188.50 |  |
| 229 | Accum Provision for Rate Refunds (Employee Transfer Credit) | 1,116,855.59 |  |
| 254 | Other Regulatory Liabilities (Deferred Litigation) | 4,598,859.05 |  |
| 229 | Accum Provision for Rate Refunds (EPRI Credit) | 2,617,925.73 |  |
| 254 | Other Regulatory Liabilities (Burbank Settlement) | 7,383,879.15 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 91,486,787.05 |
|  | To clear balance sheet accounts for Regulatory Liabilities and Provision for refund |  |  |
| (10) |  |  |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) | 68,056,212.00 |  |
| 190 | Deferred Tax Asset (Burbank Settlement) |  | 2,923,278.00 |
| 190 | Deferred Tax Asset (SCE Settlement) |  | 28,425,651.00 |
| 190 | Deferred Tax Asset (Merger obligation) |  | 31,836,593.00 |
| 190 | Deferred Tax Asset (CRPUD Sale) |  | 1,571,402.00 |
| 190 | Deferred Tax Asset (Employee Transfer Credit) |  | 442,163.00 |
| 190 | Deferred Tax Asset (Deferred Litigation) |  | 1,820,688.00 |
| 190 | Deferred Tax Asset (EPRI Credit) |  | 1,036,437.00 |
| To clear balance sheet accounts for deferred taxes related to Regulatory Liabilities and Provision |  |  |  |
| (11) |  |  |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) | 2,069,605.44 |  |
| 182.3 | Regulatory Assets (payment to WOEC) |  | 2,069,605.44 |
| To clear balance sheet accounts for payment to WOEC |  |  |  |
| (12) |  |  |  |
| 283 | Deferred Tax Liabilities (payment to WOEC) | 819,357.00 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 819,357.00 |
|  | To clear balance sheet accounts for deferred taxes related to payment to WOEC |  |  |

As of September 30, 2000

| As of September 30, 2000 |  |  |  |
| :---: | :---: | :---: | :---: |
| FERC Account | Description | Debit | Credit |
|  | (13) |  |  |
| 182.3 | Other Regulatory Assets | 47,399,770.00 |  |
| 283 | Deferred Tax Liabilities |  | 18,765,568.00 |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 28,634,202.00 |
|  | To record new regulatory asset per Section 2.1(b) of Settlement Agreement. |  |  |
|  | (14) |  |  |
| 426.5 | Other Deductions | 5,084,425.09 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 5,084,425.09 |
|  | To record the write off of the net of balance sheet debits and credits for certain regulatory assets and liabilities and related deferred taxes per Settlement Agreement. |  |  |
|  | (15) |  |  |
| 407.3 | Regulatory Debits | 2,500,000.00 |  |
| 254 | Other Regulatory Liabilities |  | 2,500,000.00 |
|  | To record a regulatory liability per Settlement Agreement |  |  |
|  | (16) |  |  |
| 255 | Deferred Investment Tax Credits (Post-ERTA ITC Flow) | 2,204,085.00 |  |
| 420 | Investment Tax Credits (Post-ERTA ITC) |  | 2,204,085.00 |
|  | To reverse remaining Post-ERTA ITC balance |  |  |

## Trojan Settlement Summary

Based on Actual Balances @ 9/30/00
Amounts in Dollars

FAS 90 Impairment Test (No "return on") Starting with Pre UE-88 Writeoff Balance


Trojan Unamortized Balance @ 4/1/1995 (Pre UE-88 Writeoff)
FAS 71 Portion
Discount Rate (Incremental Cost of Debt) 8.0\%

\$ 185,305,264

PV \$ 319,771,744

| 17 Year Amortization Period |  |
| :---: | :---: |
| FAS 90 Write-Off: |  |
| Pre-tax FAS 90 Balance @ 4/1/1995 | \$ 322,580,427 |
| PV of FAS 90 Cash Flows | \$ 173,085,995 |
| Pre-tax Write-Off | \$ 149,494,432 |
| Unamortized Balances after FAS 90 Write-Off: |  |
| FAS 90 @ 4/1/1995 | \$ 173,085,995 |
| FAS 71 @ 4/1/1995 | \$ 17,582,008 |
| Total Unamortized balance after Write-Off | \$ 190,668,003 |
| 1 Year Amortization Period |  |
| FAS 90 Write-Off: |  |
| Pre-tax FAS 90 Balance @ 4/1/1995 | \$ 322,580,427 |
| PV of FAS 90 Cash Flows | \$ 298,685,581 |
| Pre-tax Write-Off | \$ 23,894,846 |
| Unamortized Balances after FAS 90 Write-Off: |  |
| FAS 90 @ 4/1/1995 | \$ 298,685,581 |
| FAS 71 @ 4/1/1995 | \$ 17,582,008 |
| Total Unamortized balance after Write-Off | \$ 316,267,589 |

FAS 90 Impairment Test (No "return on")
Starting with Post UE-88 Writeoff Balance

Trojan Unamortized Balance @ 4/1/1995 (P
Trojan Unamortized Balance @ 4/1/1995 (Post UE-88 Writeoff)
FAS 71 Portion
Discount Rate (Incremental Cost of Debt) 8.0\%

PV \$ 173,085,995

PV $\quad \$ \quad 298,685,581$

## PGE Exhibit 6201

 Dollars in \$000s
## Start of Period

End of Period
Number of Months
Docket
Annual Revenue Requirement (\$000)
Period Revenue Requirement (\$000)

| A | B | C | D | E <br> $(\mathrm{E}=\mathrm{A})$ | F <br> $(\mathrm{F}=\mathrm{A}+\mathrm{B})$ | G <br> $(\mathrm{G}=\mathrm{A}+\mathrm{B}+\mathrm{C}+\mathrm{D})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| $04 / 01 / 95$ | $11 / 28 / 95$ | $04 / 01 / 96$ | $12 / 01 / 96$ | "8-month" | "One-Year" | "5.5 Year" |
| $11 / 27 / 95$ | $03 / 31 / 96$ | $11 / 30 / 96$ | $09 / 30 / 00$ | Impact | Impact | Impact |
| 7.90 | 4.10 | 8 | 46 | 7.90 | 12 | 66 |
| UE 88 | UE 93 | UE 93 | UE 100 |  |  |  |
| 943,333 | 995,498 | 995,498 | 958,669 |  |  |  |
| 621,028 | 340,128 | 663,665 | $3,674,898$ |  |  |  |

## Revenue Requirement Per Rate Orders

Return On
Recovery Of
One-Year Amortization
Return
Return On Equity Only
ROE 25 Basis Points
Trojan Balance Over One Year
Boardman Offset Over One Year
Reg. Assets -- Troj. Repl. Pow, AMAX, SAVE - 17 Years
Collect Def. Power Costs Over 17 Years
First Year Power Costs
Net-Benefits
Reversal of $\$ 23,108$ of Disallowance
Reversal of $\$ 183,100$ SG Disallowance
Share SG-Related " $80 / 20 "$
Plant in Service
Collect Trojan Plant in Service Over 17 Years
Plant in Service - Return On
Plant in Service - Recovery Of
Collect Non-Plant in Service Trojan Over One Year

34,35

| $(22,146)$ | $(10,164)$ | $(18,881)$ |
| :---: | ---: | ---: |
| $(15,798)$ | $(7,254)$ | $(13,474)$ |


| 1,753 | 1,075 | 2,097 |
| :---: | :---: | :---: |
|  |  |  |
| 223,940 | 116,222 | - |
| $(73,174)$ | $(37,977)$ | - |

## PGE Exhibit 6201

## Dollars in \$000s

## Start of Period

End of Period
Number of Months
Docket
Annual Revenue Requirement (\$000)
Period Revenue Requirement (\$000)

| A | B | C | D | E <br> $(\mathrm{E}=\mathrm{A})$ | F <br> $(\mathrm{F}=\mathrm{A}+\mathrm{B})$ | G <br> $(\mathrm{G}=\mathrm{A}+\mathrm{B}+\mathrm{C}+\mathrm{D})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| $04 / 01 / 95$ | $11 / 28 / 95$ | $04 / 01 / 96$ | $12 / 01 / 96$ | "8-month" | "One-Year" | "5.5 Year" |
| $11 / 27 / 95$ | $03 / 31 / 96$ | $11 / 30 / 96$ | $09 / 30 / 00$ | Impact | Impact | Impact |
| 7.90 | 4.10 | 8 | 46 | 7.90 | 12 | 66 |
| UE 88 | UE 93 | UE 93 | UE 100 |  |  |  |
| 943,333 | 995,498 | 995,498 | 958,669 |  |  |  |
| 621,028 | 340,128 | 663,665 | $3,674,898$ |  |  |  |

## 17-Year Amortization

## Return

Return on Equity only
ROE 150 Basis Points
Capital Structure - Shift 10\% Debt to Equity
Recovery of Debt Costs

Trojan Balance Over 17 Years

| $(22,146)$ | $(10,164)$ | $(18,881)$ | $(87,319)$ | $(22,146)$ | $(32,310)$ | $(138,510)$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $(15,798)$ | $(7,254)$ | $(13,474)$ | $(62,316)$ | $(15,798)$ | $(23,051)$ | $(98,841)$ |
| 10,517 | 6,447 | 12,580 | 72,336 | 10,517 | 16,965 | 101,881 |
| 10,344 | 5,368 | 10,475 | 60,230 | 10,344 | 15,712 | 86,417 |
| 5,854 | 2,958 | 5,598 | 27,489 | 5,854 | 8,812 | 41,898 |
|  |  |  |  |  |  |  |
| 13,370 | 6,939 | 13,539 | 77,848 | 13,370 | 20,308 | 111,695 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 5,221 | 2,396 | 4,452 | 20,587 | 5,221 | 7,618 | 32,657 |
| 8,100 | 2,635 | 4,018 | 22,894 | 8,100 | 10,735 | 37,647 |
| 10,217 | 5,303 | 10,347 | 59,494 | 10,217 | 15,520 | 85,361 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 1,054 | 547 | 1,068 | 6,140 | 1,054 | 1,602 | 8,809 |
| 1,220 | 633 | 1,235 | 7,103 | 1,220 | 1,853 | 10,192 |
| 512 | 266 | 518 | 2,980 | 512 | 777 | 4,276 |
| 827 | 429 | 837 | 4,814 | 827 | 1,256 | 6,907 |
| 1,439 | 747 | 1,458 | 8,381 | 1,439 | 2,186 | 12,024 |

## PGE Exhibit 6202

## Dollars in $\mathbf{\$ 0 0 0 s}$

## Start of Period

End of Period
Number of Months
Docket

| A | B | C | D | E <br> $(\mathrm{E}=\mathrm{A})$ | F <br> $(\mathrm{F}=\mathrm{A}+\mathrm{B})$ | G <br> $(\mathrm{G}=\mathrm{A}+\mathrm{B}+\mathrm{C}+\mathrm{D})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| $04 / 01 / 95$ | $11 / 28 / 95$ | $04 / 01 / 96$ | $12 / 01 / 96$ | "8-month" | "One-Year" | "5.5 Year" |
| $11 / 27 / 95$ | $03 / 31 / 96$ | $11 / 30 / 96$ | $09 / 30 / 00$ | Impact | Impact | Impact |
| 7.90 | 4.10 | 8 | 46 | 7.90 | 12 | 66 |
| UE 88 | UE 93 | UE 93 | UE 100 |  |  |  |
| 943,333 | 995,498 | 995,498 | 958,669 |  |  |  |
| 621,028 | 340,128 | 663,665 | $3,674,898$ |  |  |  |

## One Year Collection of Trojan with Other Changes

| Scenario Revenue Requirement: |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Plant in Service - Return On | 5,221 | 2,396 | 4,452 | 20,587 | 5,221 | 7,618 | 32,657 |
| Plant in Service - Recovery Of | 8,100 | 2,635 | 4,018 | 22,894 | 8,100 | 10,735 | 37,647 |
| 25 Basis Pts. ROE Increase | 1,825 | 1,110 | 2,166 | 12,456 | 1,825 | 2,935 | 17,557 |
| Collection of Trojan and 26.8, Net of Class. In-Service and Board., Over One Year | 115,629 | 60,010 | - | - | 115,629 | 175,639 | 175,639 |
| First Year Power Costs | 112,918 | 58,603 | - | - | 112,918 | 171,521 | 171,521 |
| Reg. Assets Collection Over 10 Years | 9,424 | 4,891 | 9,544 | 54,877 | 9,424 | 14,316 | 78,736 |
| Deferred First-Year Power Cost Collection Over 10 Years | 13,489 | 7,000 | 13,659 | 78,541 | 13,489 | 20,489 | 112,689 |
| Total Scenario Revenue Requirement Changes | 266,606 | 136,646 | 33,839 | 189,355 | 266,606 | 403,252 | 626,446 |
| Revenue Requirement per Rate Cases: |  |  |  |  |  |  |  |
| First Year Power Costs | 203,623 | 105,678 | - | - | 203,623 | 309,300 | 309,300 |
| Trojan Revenue Requirement | 56,502 | 21,338 | 35,923 | 184,424 | 56,502 | 77,840 | 298,187 |
| Trojan and Power Cost Revenue Requirement | 260,124 | 127,016 | 35,923 | 184,424 | 260,124 | 387,140 | 607,487 |
| Revenue Requirement Difference | 6,482 | 9,630 | $(2,084)$ | 4,931 | 6,482 | 16,112 | 18,959 |

## Derivation of Balance Owed PGE @ 9/30/2000

80,200 Trojan Plant in Service Balance @ 04/01/95
$(37,647)$ Recovery of Plant in Service Balance Over Period 04/01/95-09/30/00
18,959 Revenue Requirement Differential (Scenario Revenue Requirement Less Trojan \& Pwr Cost Rev. Req.)
9,712 Interest on Revenue Requirement Differential
126,998 Remaining Balance for Reg Assets and Deferred Power Costs @ 09/30/00
198,222 Balance Owed PGE @ 9/30/2000

## PGE Exhibit 6202

## Dollars in $\$ 000$ s

Start of Period
End of Period
Number of Months
Docket
Annual Revenue Requirement (\$000)
Period Revenue Requirement (\$000)

| A | B | C | D | E <br> $(E=A)$ | $F$ <br> $(F=A+B)$ | $G$ <br> $(G=A+B+C+D)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| $04 / 01 / 95$ | $11 / 28 / 95$ | $04 / 01 / 96$ | $12 / 01 / 96$ | "8-month" | "One-Year" | "5.5 Year" |
| $11 / 27 / 95$ | $03 / 31 / 96$ | $11 / 30 / 96$ | $09 / 30 / 00$ | Impact | Impact | Impact |
| 7.90 | 4.10 | 8 | 46 | 7.90 | 12 | 66 |
| UE 88 | UE 93 | UE 93 | UE 100 |  |  |  |
| 943,333 | 995,498 | 995,498 | 958,669 |  |  |  |
| 621,028 | 340,128 | 663,665 | $3,674,898$ |  |  |  |

17 Year Collection of Trojan with Other Changes:

| Scenario Revenue Requirement: |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Plant in Service - Return On |  |  |  |
| Plant in Service - Recovery Of | 5,221 | 2,396 | 4,452 |
| 150 Basis Pts. ROE Increase | 8,100 | 2,635 | 4,018 |
| 20\% STS (Based on SG, Return Foregone Net of Bdmn, Net of 26.8) | 10,948 | 6,661 | 12,99 |
| Collection of Trojan and 26.8, Net of Class. In-Service and Board., Over 17 Years | 2,010 | 1,043 | 2,03 |
| Reg. Assets (AMAX, SAVE, Troj Repl NVPC Over 3 Years) | 6,903 | 3,583 | 6,99 |
| Total Scenario Revenue Requirement Changes | 23,382 | 12,135 | 23,678 |
|  |  |  |  |
| Revenue Requirement per Rate Cases: | 56,564 | 28,453 | 54,17 |
| Trojan Revenue Requirement |  |  |  |
| Revenue Requirement Difference | 56,502 | 21,338 | 35,923 |

## PGE Exhibit 6202

## Dollars in \$000s

## Start of Period

End of Period
Number of Months
Docket
Annual Revenue Requirement (\$000)
Period Revenue Requirement (\$000)

| A | B | C | D | E <br> $(E=A)$ | $F$ <br> $(F=A+B)$ | $G$ <br> $(G=A+B+C+D)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| $04 / 01 / 95$ | $11 / 28 / 95$ | $04 / 01 / 96$ | $12 / 01 / 96$ | "8-month" | "One-Year" | "5.5 Year" |
| $11 / 27 / 95$ | $03 / 31 / 96$ | $11 / 30 / 96$ | $09 / 30 / 00$ | Impact | Impact | Impact |
| 7.90 | 4.10 | 8 | 46 | 7.90 | 12 | 66 |
| UE 88 | UE 93 | UE 93 | UE 100 |  |  |  |
| 943,333 | 995,498 | 995,498 | 958,669 |  |  |  |
| 621,028 | 340,128 | 663,665 | $3,674,898$ |  |  |  |

## One-Year Trojan Collection and Restoration

## Scenario Revenue Requirement

One-Year Amortization
Restoration of UE 88 Write-Off
Total Scenario Revenue Requirement Collections

Revenue Requirement per Rate Cases:
Trojan Revenue Requirement
Revenue Requirement Difference

|  | 223,940 | 116,222 | - | - | 223,940 | 340,162 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 15,213 | 7,895 | - | - | 15,213 | 23,108 | 23,108 |
| 239,153 | 124,117 | - | - | 239,153 | 363,270 | 363,270 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 56,502 | 21,338 | 35,923 | 184,424 | 56,502 | 77,840 | 298,187 |
| 182,651 | 102,779 | $(35,923)$ | $(184,424)$ | 182,651 | 285,430 | 65,083 |
|  |  |  |  |  |  |  |

[^0]
## Support for Lesh Testimony

## Combination 1

| Rate Period | Approved Revenue Requirement | Re-Calculated Revenue Requirement | Difference |
| :---: | :---: | :---: | :---: |
| UE 88 | 621,028 | 627,510 | 6,482 |
| UE 93 | 1,003,794 | 1,011,340 | 7,546 |
| UE 100 | 3,674,898 | 3,679,829 | 4,931 |
| Total | 5,299,719 | 5,318,678 | 18,959 |

## Combination 2

| Rate <br> Period | Approved Revenue Requirement | Re-Calculated Revenue Requirement | Difference |
| :---: | :---: | :---: | :---: |
| UE 88 | 621,028 | 621,090 | 63 |
| UE 93 | 1,003,794 | 1,029,157 | 25,363 |
| UE 100 | 3,674,898 | 3,707,946 | 33,048 |
| Total | 5,299,719 | 5,358,194 | 58,474 |

## Implied Debt Only Return Over 17 Years Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance <br> Dollars in 000s

| Period | Total Return | Equity <br> Return | Debt Return |
| :---: | :---: | :---: | :---: |
| Apr-95 | 2,738 | 1,984 | 754 |
| May-95 | 2,724 | 1,974 | 750 |
| Jun-95 | 2,710 | 1,964 | 746 |
| Jul-95 | 2,697 | 1,954 | 743 |
| Aug-95 | 2,683 | 1,944 | 739 |
| Sep-95 | 2,669 | 1,934 | 735 |
| Oct-95 | 2,656 | 1,924 | 731 |
| Nov-95 | 2,642 | 1,914 | 728 |
| Dec-95 | 2,628 | 1,905 | 724 |
| Jan-96 | 2,637 | 1,913 | 724 |
| Feb-96 | 2,623 | 1,903 | 721 |
| Mar-96 | 2,610 | 1,893 | 717 |
| Apr-96 | 2,596 | 1,883 | 713 |
| May-96 | 2,582 | 1,873 | 709 |
| Jun-96 | 2,568 | 1,863 | 705 |
| Jul-96 | 2,555 | 1,853 | 702 |
| Aug-96 | 2,541 | 1,843 | 698 |
| Sep-96 | 2,527 | 1,833 | 694 |
| Oct-96 | 2,513 | 1,823 | 690 |
| Nov-96 | 2,500 | 1,813 | 686 |
| Dec-96 | 2,486 | 1,803 | 683 |
| Jan-97 | 2,472 | 1,793 | 679 |
| Feb-97 | 2,458 | 1,783 | 675 |
| Mar-97 | 2,444 | 1,773 | 671 |
| Apr-97 | 2,431 | 1,763 | 668 |
| May-97 | 2,417 | 1,753 | 664 |
| Jun-97 | 2,403 | 1,743 | 660 |
| Jul-97 | 2,389 | 1,733 | 656 |
| Aug-97 | 2,376 | 1,723 | 652 |
| Sep-97 | 2,362 | 1,713 | 649 |
| Oct-97 | 2,348 | 1,703 | 645 |
| Nov-97 | 2,334 | 1,693 | 641 |
| Dec-97 | 2,320 | 1,683 | 637 |
| Jan-98 | 2,307 | 1,673 | 634 |
| Feb-98 | 2,293 | 1,663 | 630 |
| Mar-98 | 2,279 | 1,653 | 626 |
| Apr-98 | 2,265 | 1,643 | 622 |
| May-98 | 2,252 | 1,633 | 618 |
| Jun-98 | 2,238 | 1,623 | 615 |
| Jul-98 | 2,224 | 1,613 | 611 |
| Aug-98 | 2,210 | 1,603 | 607 |
| Sep-98 | 2,197 | 1,593 | 603 |
| Oct-98 | 2,183 | 1,583 | 599 |
| Nov-98 | 2,169 | 1,573 | 596 |
| Dec-98 | 2,155 | 1,563 | 592 |
| Jan-99 | 2,141 | 1,553 | 588 |
| Feb-99 | 2,128 | 1,543 | 584 |
| Mar-99 | 2,114 | 1,533 | 581 |
| Apr-99 | 2,100 | 1,523 | 577 |
| May-99 | 2,086 | 1,513 | 573 |
| Jun-99 | 2,073 | 1,503 | 569 |
| Jul-99 | 2,059 | 1,493 | 565 |

## Implied Debt Only Return Over 17 Years Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance <br> Dollars in 000s

| Period | Total Return | Equity Return | Debt Return |
| :---: | :---: | :---: | :---: |
| Aug-99 | 2,045 | 1,483 | 562 |
| Sep-99 | 2,031 | 1,473 | 558 |
| Oct-99 | 2,018 | 1,463 | 554 |
| Nov-99 | 2,004 | 1,453 | 550 |
| Dec-99 | 1,990 | 1,443 | 547 |
| Jan-00 | 1,976 | 1,433 | 543 |
| Feb-00 | 1,962 | 1,423 | 539 |
| Mar-00 | 1,949 | 1,413 | 535 |
| Apr-00 | 1,935 | 1,403 | 531 |
| May-00 | 1,921 | 1,393 | 528 |
| Jun-00 | 1,907 | 1,384 | 524 |
| Jul-00 | 1,894 | 1,374 | 520 |
| Aug-00 | 1,880 | 1,364 | 516 |
| Sep-00 | 1,866 | 1,354 | 512 |
| Oct-00 | 1,852 | 1,344 | 509 |
| Nov-00 | 1,838 | 1,334 | 505 |
| Dec-00 | 1,825 | 1,324 | 501 |
| Jan-01 | 1,811 | 1,314 | 497 |
| Feb-01 | 1,797 | 1,304 | 494 |
| Mar-01 | 1,783 | 1,294 | 490 |
| Apr-01 | 1,770 | 1,284 | 486 |
| May-01 | 1,756 | 1,274 | 482 |
| Jun-01 | 1,742 | 1,264 | 478 |
| Jul-01 | 1,728 | 1,254 | 475 |
| Aug-01 | 1,715 | 1,244 | 471 |
| Sep-01 | 1,701 | 1,234 | 467 |
| Oct-01 | 1,687 | 1,224 | 463 |
| Nov-01 | 1,673 | 1,214 | 460 |
| Dec-01 | 1,659 | 1,204 | 456 |
| Jan-02 | 1,646 | 1,194 | 452 |
| Feb-02 | 1,632 | 1,184 | 448 |
| Mar-02 | 1,618 | 1,174 | 444 |
| Apr-02 | 1,604 | 1,164 | 441 |
| May-02 | 1,591 | 1,154 | 437 |
| Jun-02 | 1,577 | 1,144 | 433 |
| Jul-02 | 1,563 | 1,134 | 429 |
| Aug-02 | 1,549 | 1,124 | 425 |
| Sep-02 | 1,536 | 1,114 | 422 |
| Oct-02 | 1,522 | 1,104 | 418 |
| Nov-02 | 1,508 | 1,094 | 414 |
| Dec-02 | 1,494 | 1,084 | 410 |
| Jan-03 | 1,480 | 1,074 | 407 |
| Feb-03 | 1,467 | 1,064 | 403 |
| Mar-03 | 1,453 | 1,054 | 399 |
| Apr-03 | 1,439 | 1,044 | 395 |
| May-03 | 1,425 | 1,034 | 391 |
| Jun-03 | 1,412 | 1,024 | 388 |
| Jul-03 | 1,398 | 1,014 | 384 |
| Aug-03 | 1,384 | 1,004 | 380 |
| Sep-03 | 1,370 | 994 | 376 |
| Oct-03 | 1,356 | 984 | 373 |
| Nov-03 | 1,343 | 974 | 369 |
| Dec-03 | 1,329 | 964 | 365 |

## Implied Debt Only Return Over 17 Years Calculated by Netting Total Return and Equity Only Return Based on UE-88 Trojan Balance <br> Dollars in 000s

| Period | Total Return | Equity <br> Return | Debt <br> Return |
| :---: | :---: | :---: | :---: |
| Jan-04 | 1,315 | 954 | 361 |
| Feb-04 | 1,301 | 944 | 357 |
| Mar-04 | 1,288 | 934 | 354 |
| Apr-04 | 1,274 | 924 | 350 |
| May-04 | 1,260 | 914 | 346 |
| Jun-04 | 1,246 | 904 | 342 |
| Jul-04 | 1,233 | 894 | 339 |
| Aug-04 | 1,219 | 884 | 335 |
| Sep-04 | 1,205 | 874 | 331 |
| Oct-04 | 1,191 | 864 | 327 |
| Nov-04 | 1,177 | 854 | 323 |
| Dec-04 | 1,164 | 844 | 320 |
| Jan-05 | 1,150 | 834 | 316 |
| Feb-05 | 1,136 | 824 | 312 |
| Mar-05 | 1,122 | 814 | 308 |
| Apr-05 | 1,109 | 804 | 304 |
| May-05 | 1,095 | 794 | 301 |
| Jun-05 | 1,081 | 784 | 297 |
| Jul-05 | 1,067 | 774 | 293 |
| Aug-05 | 1,054 | 764 | 289 |
| Sep-05 | 1,040 | 754 | 286 |
| Oct-05 | 1,026 | 744 | 282 |
| Nov-05 | 1,012 | 734 | 278 |
| Dec-05 | 998 | 724 | 274 |
| Jan-06 | 985 | 714 | 270 |
| Feb-06 | 971 | 704 | 267 |
| Mar-06 | 957 | 694 | 263 |
| Apr-06 | 943 | 684 | 259 |
| May-06 | 930 | 674 | 255 |
| Jun-06 | 916 | 664 | 252 |
| Jul-06 | 902 | 654 | 248 |
| Aug-06 | 888 | 644 | 244 |
| Sep-06 | 874 | 634 | 240 |
| Oct-06 | 861 | 624 | 236 |
| Nov-06 | 847 | 614 | 233 |
| Dec-06 | 833 | 604 | 229 |
| Jan-07 | 819 | 594 | 225 |
| Feb-07 | 806 | 584 | 221 |
| Mar-07 | 792 | 574 | 217 |
| Apr-07 | 778 | 564 | 214 |
| May-07 | 764 | 554 | 210 |
| Jun-07 | 751 | 544 | 206 |
| Jul-07 | 737 | 534 | 202 |
| Aug-07 | 723 | 524 | 199 |
| Sep-07 | 709 | 514 | 195 |
| Oct-07 | 695 | 504 | 191 |
| Nov-07 | 682 | 494 | 187 |
| Dec-07 | 668 | 484 | 183 |
| Jan-08 | 654 | 474 | 180 |
| Feb-08 | 640 | 464 | 176 |
| Mar-08 | 627 | 455 | 172 |
| Apr-08 | 613 | 445 | 168 |
| May-08 | 599 | 435 | 165 |

## Implied Debt Only Return Over 17 Years Calculated by Netting Total Return and Equity Only Return <br> Based on UE-88 Trojan Balance <br> Dollars in 000s

| Period | Total Return | Equity <br> Return | Debt Return |
| :---: | :---: | :---: | :---: |
| Jun-08 | 585 | 425 | 161 |
| Jul-08 | 572 | 415 | 157 |
| Aug-08 | 558 | 405 | 153 |
| Sep-08 | 544 | 395 | 149 |
| Oct-08 | 530 | 385 | 146 |
| Nov-08 | 516 | 375 | 142 |
| Dec-08 | 503 | 365 | 138 |
| Jan-09 | 489 | 355 | 134 |
| Feb-09 | 475 | 345 | 130 |
| Mar-09 | 461 | 335 | 127 |
| Apr-09 | 448 | 325 | 123 |
| May-09 | 434 | 315 | 119 |
| Jun-09 | 420 | 305 | 115 |
| Jul-09 | 406 | 295 | 112 |
| Aug-09 | 392 | 285 | 108 |
| Sep-09 | 379 | 275 | 104 |
| Oct-09 | 365 | 265 | 100 |
| Nov-09 | 351 | 255 | 96 |
| Dec-09 | 337 | 245 | 93 |
| Jan-10 | 324 | 235 | 89 |
| Feb-10 | 310 | 225 | 85 |
| Mar-10 | 296 | 215 | 81 |
| Apr-10 | 282 | 205 | 78 |
| May-10 | 269 | 195 | 74 |
| Jun-10 | 255 | 185 | 70 |
| Jul-10 | 241 | 175 | 66 |
| Aug-10 | 227 | 165 | 62 |
| Sep-10 | 213 | 155 | 59 |
| Oct-10 | 200 | 145 | 55 |
| Nov-10 | 186 | 135 | 51 |
| Dec-10 | 172 | 125 | 47 |
| Jan-11 | 158 | 115 | 43 |
| Feb-11 | 145 | 105 | 40 |
| Mar-11 | 131 | 95 | 36 |
| Apr-11 | 117 | 85 | 32 |
| May-11 | 103 | 75 | 28 |
| Jun-11 | 90 | 65 | 25 |
| Jul-11 | 76 | 55 | 21 |
| Aug-11 | 62 | 45 | 17 |
| Sep-11 | 48 | 35 | 13 |
| Oct-11 | 34 | 25 | 9 |
| Nov-11 | 21 | 15 | 6 |
| Dec-11 | 7 | 5 | 2 |
| Sum | 277,982 | 201,619 | 76,363 |

Net Trojan Plant Investment
From 3/31/1995 through 9/30/2000

| Trojan Investment | $\begin{gathered} \text { Before } \\ \text { UE-88 Write-Off } \\ \text { 3/31/1995 } \\ \hline \end{gathered}$ | UE-88 Write-Off | UE-88 Write-Off <br> Net Benefit Test | After UE-88 Write-off 3/31/1995 | 12/31/1995 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| FAS 90 Assets |  |  |  |  |  |
| Net FAS 90 Balance | 345,353,482.72 | - | (22,773,056.00) | 322,580,426.72 | 301,023,140.45 |
| Change in FAS 90 Balance (Amortization) | N/A |  |  | $(22,773,056.00)$ | $(21,557,286.27)$ |

FAS 71 Assets

| Inspection and Plugging | 15,160,208.00 | $(15,160,208.00)$ |  | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sleeving Costs | 9,658,701.00 | (9,658,701.00) |  | - | - |
| Reactor Coolant Pump | 2,162,144.00 | (2,162,144.00) |  | - | - |
| Other FAS 71 Assets | 21,637,002.27 |  | (4,054,994.00) | 17,582,008.27 | - |
| Net FAS 71 Balance | 48,618,055.27 | (26,981,053.00) | (4,054,994.00) | 17,582,008.27 | - |
| Change in FAS 71 Balance (Amortization) | N/A |  |  | (31,036,047.00) | (17,582,008.27) Per Order 95-1216 |
| Net Trojan Investment Change in Net Trojan Investment | 393,971,537.99 | $(26,981,053.00)$ | $(26,828,050.00)$ | $\begin{gathered} \mathbf{3 4 0 , 1 6 2 , 4 3 4 . 9 9} \\ (53,809,103.00) \end{gathered}$ | $\begin{gathered} \mathbf{3 0 1 , 0 2 3}, 140.45 \\ (39,139,294.54) \end{gathered}$ |


| Trojan Investment | $\mathbf{1 2 / 3 1 / 1 9 9 6}$ | $\mathbf{1 2 / 3 1 / 1 9 9 7}$ | $\mathbf{1 2 / 3 1 / 1 9 9 8}$ | $\mathbf{1 2 / 3 1 / 1 9 9 9}$ | $\mathbf{9 / 3 0 / 2 0 0 0}$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| FAS 90 Assets |  |  |  |  |  |
| Net FAS 90 Balance | $275,460,218.15$ | $251,763,045.03$ | $229,202,119.88$ | $202,682,933.93$ | $180,485,808.72$ |
| Change in FAS 90 Balance (Amortization) | $(25,562,922.30)$ | $(23,697,173.12)$ | $(22,560,925.15)$ | $(26,519,185.95)$ | $(22,197,125.21)$ |

## FAS 71 Assets

Inspection and Plugging
Sleeving Costs
Reactor Coolant Pump
Other FAS 71 Assets
Net FAS 71 Balance
Change in FAS 71 Balance (Amortization)
Net Trojan Investment
Change in Net Trojan Investment

| $275,460,218.15$ | $251,763,045.03$ | $\mathbf{2 2 9 , 2 0 2 , 1 1 9 . 8 8}$ | $\mathbf{2 0 2 , 6 8 2 , 9 3 3 . 9 3}$ | $\mathbf{1 8 0 , 4 8 5 , 8 0 8 . 7 2}$ |
| :---: | :---: | :---: | :---: | :---: |
| $(25,562,922.30)$ | $(23,697,173.12)$ | $(22,560,925.15)$ | $(26,519,185.95)$ | $(22,197,125.21)$ |

## Summary of UE-88 Trojan Write-Off ${ }^{1}$ In Dollars

|  | 3/31/95 Balance <br> Before UE-88 <br> Write-Off |  | Write-Off Post 1991 <br> Expenditures |  | Write-Off <br> Additional $\$ 20.4$ million |  | 3/31/95 Balance <br> After UE-88 <br> Write-Off |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Trojan Investment (Pre-tax) | \$ | 393,971,538 | \$ | $(26,981,053)$ | \$ | $(26,828,050)$ | \$ | 340,162,435 |
| Deferred Taxes | \$ | $(83,627,326)$ | \$ | 10,673,256 | \$ | 6,428,050 | \$ | $(66,526,020)$ |
| Trojan Investment Tax Credits | \$ | $(9,756,019)$ | \$ | - | \$ | - | \$ | (9,756,019) |
| Trojan Investment (After-tax) | \$ | 300,588,193 | \$ | $(16,307,797)$ | \$ | $(20,400,000)$ | \$ | 263,880,396 |

1: After the UE-88 write-off, the pre-tax balance of Trojan, $\$ 340.2$ million, was the remaining investment subject to amortization through 2011, consistent with Order 95-322.

Trojan Balances for Scenarios
Dollars in 000s
For 1 year Amort Scenario - Partial Restoration
Balance @ 4/1/1995 340,162

Restoration of UE-88 Net Benefit Write-off 23,108
Net Trojan 363,270

For 1 year Amort Scenario - Full Restoration
Balance @ 4/1/1995 340,162

Boardman Gain
$(111,151)$
Plant in Service
$(80,200)$
Restoration of UE-88 Net Benefit Write-off 26,828
Net Trojan 175,639

For 17 year Amort Scenario - Full Restoration
Balance @ 4/1/1995 340,162
Boardman Gain
$(111,151)$
Plant in Service $(80,200)$
Restoration of UE-88 Net Benefit Write-off 26,828
Net Trojan

UE-88 Cost of Capital
Based on Order 95-322, Appendix F

|  | UE-88 Authorized |  | Plus 25 BP ROE |  | Plus 150 BP ROE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 | 1996 | 1995 | 1996 | 1995 | 1996 |
|  | Test Year | Test Year | Test Year | Test Year | Test Year | Test Year |
| State Tax Rate | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% |
| Federal Tax Rate | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% |
| Combined Tax Rate | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% |
| Net to Gross Factor | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 |
| Capital Structure: |  |  |  |  |  |  |
| Common Equity Cost | 11.60\% | 11.60\% | 11.85\% | 11.85\% | 13.10\% | 13.10\% |
| Preferred Equity Cost | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% |
| L-T Debt Cost | 7.71\% | 7.82\% | 7.71\% | 7.82\% | 7.71\% | 7.82\% |
| Cost of Capital | 9.51\% | 9.60\% | 9.62\% | 9.71\% | 10.19\% | 10.29\% |
| Common Equity Percent | 45.44\% | 46.47\% | 45.44\% | 46.47\% | 45.44\% | 46.47\% |
| Preferred Equity Percent | 5.42\% | 4.67\% | 5.42\% | 4.67\% | 5.42\% | 4.67\% |
| L-T Debt Percent | 49.14\% | 48.86\% | 49.14\% | 48.86\% | 49.14\% | 48.86\% |
| Total Capital Structure | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Tax Rates / Cap Structure Per | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 |
| Pre-Tax Weighted CE Cost | 8.69\% | 8.89\% | 8.88\% | 9.08\% | 9.81\% | 10.04\% |
| Pre-Tax Weighted PE Cost | 0.74\% | 0.64\% | 0.74\% | 0.64\% | 0.74\% | 0.64\% |
| Pre-Tax Weighted LT Debt Cost | 3.79\% | 3.82\% | 3.79\% | 3.82\% | 3.79\% | 3.82\% |
| Pre-Tax COC | 13.22\% | 13.34\% | 13.40\% | 13.53\% | 14.34\% | 14.49\% |

## Historical Trojan "Return On" <br> Based on actual rate base balances \$000s

|  | 4/1/95 | 12/31/95 | 12/31/96 | 12/31/97 | 12/31/98 | 12/31/99 | 09/30/00 | 10/01/00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Requirement | 34,876 | 29,931 | 26,712 | 24,867 | 22,593 | 19,678 | 17,255 | - |
| Rev Req (Check) | 34,876 | 29,931 | 26,712 | 24,867 | 22,593 | 19,678 | 17,255 | - |
| Expenses other than Income Tax | - | - | - | - | - | - | - | - |
| Income Tax | 9,786 | 8,399 | 7,499 | 6,981 | 6,343 | 5,524 | 4,844 | - |
| Total Expenses | 9,786 | 8,399 | 7,499 | 6,981 | 6,343 | 5,524 | 4,844 | - |
| Effective Tax Rate Check | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | \#DIV/0! |
| UOI | 25,090 | 21,532 | 19,213 | 17,886 | 16,251 | 14,154 | 12,411 | - |
| UOI - Check | 25,090 | 21,532 | 19,213 | 17,886 | 16,251 | 14,154 | 12,411 | - |
| Net Trojan Investment | 340,162 | 301,023 | 275,460 | 251,763 | 229,202 | 202,683 | 180,486 |  |
| Deferred Taxes | $(66,526)$ | $(65,982)$ | $(67,335)$ | $(58,102)$ | $(53,223)$ | $(49,191)$ | $(45,616)$ | - |
| Deferred ITC | $(9,756)$ | $(8,579)$ | $(7,939)$ | $(7,299)$ | $(6,659)$ | $(6,020)$ | $(5,554)$ | - |
| Net Rate Base | 263,880 | 226,462 | 200,186 | 186,362 | 169,320 | 147,472 | 129,316 | - |
| Taxes: |  |  |  |  |  |  |  |  |
| Revenue | 34,876 | 29,931 | 26,712 | 24,867 | 22,593 | 19,678 | 17,255 | - |
| Expenses | - | - | - | - | - | - | - |  |
| Interest Expense | 9,998 | 8,580 | 7,649 | 7,121 | 6,469 | 5,635 | 4,941 | - |
| BTI | 24,878 | 21,351 | 19,063 | 17,747 | 16,124 | 14,043 | 12,314 | - |
| State Taxes | 1,660 | 1,425 | 1,272 | 1,184 | 1,076 | 937 | 822 | - |
| Fed Taxable | 23,218 | 19,926 | 17,791 | 16,563 | 15,048 | 13,106 | 11,493 | - |
| Fed Taxes | 8,126 | 6,974 | 6,227 | 5,797 | 5,267 | 4,587 | 4,022 | - |
| ITC Amort | - | - | - | - | - | - | - | - |
| Tax Expense | 9,786 | 8,399 | 7,499 | 6,981 | 6,343 | 5,524 | 4,844 |  |
| State Tax Rate | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% |
| Federal Tax Rate | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% | 35.00\% |
| Combined Tax Rate | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% | 39.34\% |
| Net to Gross Factor | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 |
| Capital Structure: |  |  |  |  |  |  |  |  |
| Common Equity Cost | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% | 11.60\% |
| Preferred Equity Cost | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% | 8.27\% |
| L-T Debt Cost | 7.71\% | 7.71\% | 7.82\% | 7.82\% | 7.82\% | 7.82\% | 7.82\% | 7.82\% |
| Cost of Capital | 9.51\% | 9.51\% | 9.60\% | 9.60\% | 9.60\% | 9.60\% | 9.60\% | 9.60\% |
| Common Equity Percent | 45.44\% | 45.44\% | 46.47\% | 46.47\% | 46.47\% | 46.47\% | 46.47\% | 46.47\% |
| Preferred Equity Percent | 5.42\% | 5.42\% | 4.67\% | 4.67\% | 4.67\% | 4.67\% | 4.67\% | 4.67\% |
| L-T Debt Percent | 49.14\% | 49.14\% | 48.86\% | 48.86\% | 48.86\% | 48.86\% | 48.86\% | 48.86\% |
| Total Capital Structure | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Tax Rates / Cap Structure Per | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 | UE-88 |
| Pre-Tax Weighted CE Cost | 8.69\% | 8.69\% | 8.89\% | 8.89\% | 8.89\% | 8.89\% | 8.89\% | 8.89\% |
| Pre-Tax Weighted PE Cost | 0.74\% | 0.74\% | 0.64\% | 0.64\% | 0.64\% | 0.64\% | 0.64\% | 0.64\% |
| Pre-Tax Weighted LT Debt Cost | 3.79\% | 3.79\% | 3.82\% | 3.82\% | 3.82\% | 3.82\% | 3.82\% | 3.82\% |
| Pre-Tax COC | 13.22\% | 13.22\% | 13.34\% | 13.34\% | 13.34\% | 13.34\% | 13.34\% | 13.34\% |

Historical "Return On" Trojan
Annual Revenue Requirements
Based on Average Rate Base for the Period \$000s

|  | Annual \$\$ Adj '95/'00 |  |
| :--- | ---: | ---: |
| 1995 Beginning 4/1/95 | 33,640 | 25,230 |
| 1996 | 28,321 | 28,321 |
| 1997 | 25,789 | 25,789 |
| 1998 | 23,730 | 23,730 |
| 1999 | 21,136 | 21,136 |
| 2000 thru 9/30/00 | 19,072 | 14,304 |
| Nominal Totals | 151,688 | 138,510 |


| Debt | Equity |  | Debt <br> Share | Share |
| :---: | :---: | :---: | :---: | :---: |
| 7,232 | 17,997 | $\underline{\text { Check }}$ | Shaity <br> Share | Share |
| 8,110 | 20,212 | 28,321 | $28.67 \%$ | $71.33 \%$ |
| 7,385 | 18,405 | 25,789 | $28.63 \%$ | $71.37 \%$ |
| 6,795 | 16,935 | 23,730 | $28.63 \%$ | $71.37 \%$ |
| 6,052 | 15,083 | 21,136 | $28.63 \%$ | $71.37 \%$ |
| 4,096 | 10,208 | 14,304 | $28.63 \%$ | $71.37 \%$ |
| 39,670 | 98,840 | 138,510 | $28.64 \%$ | $71.36 \%$ |

Return Foregone if Collected Without Return on Over 17 Years
Trojan Net of Plant Classified as In-Service, Boardman Offset
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance
$\qquad$

| $263,880.44$ |
| ---: |
| $(68,378.66)$ |
| $(62,215.09)$ |
| $133,286.68$ |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  |  | Net Present <br> Value of |  |
| ---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Return on <br> Average <br> Balance |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

Return Foregone if Collected Without Return on Over 17 Years
Trojan Net of Plant Classified as In-Service, Boardman Offset
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance
$\qquad$

| $263,880.44$ |
| :---: |
| $(68,378.66)$ |
| $(62,215.09)$ |
| $133,286.68$ |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  |  | Net Present <br> Value of <br> Return on <br> Average <br> Balance |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

Return Foregone if Collected Without Return on Over 17 Years
Trojan Net of Plant Classified as In-Service, Boardman Offset
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

| $340,162.44$ |
| ---: |
| $(66,526.00)$ |
| $(9,756.00)$ |


| $263,880.44$ |
| :---: |
| $(68,378.66)$ |
| $(62,215.09)$ |
| $133,286.68$ |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |

\(\left.$$
\begin{array}{rcccc} & & & \begin{array}{c}\text { Net Present } \\
\text { Value of } \\
\text { Return on }\end{array} \\
& & & & \begin{array}{c}\text { Average } \\
\text { Balance }\end{array}
$$ <br>
\& \& \& \& Return on <br>

(At 1992 IRP\end{array}\right]\)| After-Tax |
| :---: | :---: | :---: | :---: |

Return Foregone if Collected Without Return on Over 17 Years
Trojan Net of Plant Classified as In-Service, Boardman Offset
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

| $340,162.44$ |
| ---: |
| $(66,526.00)$ |
| $(9,756.00)$ |


| $263,880.44$ |
| :---: |
| $(68,378.66)$ |
| $(62,215.09)$ |
| $133,286.68$ |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  |  | Net Present <br> Value of <br> Return on |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  | Average <br> Balance |
|  |  |  |  | Return on |
| (At 1992 IRP |  |  |  |  |

Return Foregone if Collected Without Return on Over 17 Years
Trojan Net of Plant Classified as In-Service, Boardman Offset
Uses UE-88 Authorized COC

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:
04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 After-Tax Balance of Boardman Gain
04/01/95 After-Tax Trojan Classified as In-Service Amount
Net Trojan After-Tax Balance

| $340,162.44$ |
| ---: |
| $(66,526.00)$ |
| $(9,756.00)$ |


| $263,880.44$ |
| :---: |
| $(68,378.66)$ |
| $(62,215.09)$ |
| $133,286.68$ |

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on <br> Average <br> Balance | Net Present <br> Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 167 | Feb-09 | 22,546.01 | 239.98 | 74.11 |
| 168 | Mar-09 | 21,882.89 | 233.03 | 71.46 |
| 169 | Apr-09 | 21,219.77 | 226.07 | 68.84 |
| 170 | May-09 | 20,556.65 | 219.11 | 66.25 |
| 171 | Jun-09 | 19,893.54 | 212.16 | 63.70 |
| 172 | Jul-09 | 19,230.42 | 205.20 | 61.18 |
| 173 | Aug-09 | 18,567.30 | 198.25 | 58.69 |
| 174 | Sep-09 | 17,904.18 | 191.29 | 56.23 |
| 175 | Oct-09 | 17,241.06 | 184.33 | 53.81 |
| 176 | Nov-09 | 16,577.95 | 177.38 | 51.41 |
| 177 | Dec-09 | 15,914.83 | 170.42 | 49.05 |
| 178 | Jan-10 | 15,251.71 | 163.47 | 46.72 |
| 179 | Feb-10 | 14,588.59 | 156.51 | 44.42 |
| 180 | Mar-10 | 13,925.47 | 149.55 | 42.15 |
| 181 | Apr-10 | 13,262.36 | 142.60 | 39.90 |
| 182 | May-10 | 12,599.24 | 135.64 | 37.69 |
| 183 | Jun-10 | 11,936.12 | 128.69 | 35.51 |
| 184 | Jul-10 | 11,273.00 | 121.73 | 33.35 |
| 185 | Aug-10 | 10,609.89 | 114.77 | 31.23 |
| 186 | Sep-10 | 9,946.77 | 107.82 | 29.13 |
| 187 | Oct-10 | 9,283.65 | 100.86 | 27.06 |
| 188 | Nov-10 | 8,620.53 | 93.91 | 25.02 |
| 189 | Dec-10 | 7,957.41 | 86.95 | 23.00 |
| 190 | Jan-11 | 7,294.30 | 79.99 | 21.01 |
| 191 | Feb-11 | 6,631.18 | 73.04 | 19.05 |
| 192 | Mar-11 | 5,968.06 | 66.08 | 17.12 |
| 193 | Apr-11 | 5,304.94 | 59.13 | 15.21 |
| 194 | May-11 | 4,641.82 | 52.17 | 13.32 |
| 195 | Jun-11 | 3,978.71 | 45.21 | 11.47 |
| 196 | Jul-11 | 3,315.59 | 38.26 | 9.63 |
| 197 | Aug-11 | 2,652.47 | 31.30 | 7.83 |
| 198 | Sep-11 | 1,989.35 | 24.35 | 6.04 |
| 199 | Oct-11 | 1,326.24 | 17.39 | 4.29 |
| 200 | Nov-11 | 663.12 | 10.43 | 2.55 |
| 201 | Dec-11 | 0.00 | 3.48 | 0.85 |
|  | Sum: |  | 140,409.54 | 91,937.20 |

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:


|  | Mar-95 | 133,286.68 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Apr-95 | 132,623.57 | 1,493.07 | 1,482.61 |
| 2 | May-95 | 131,960.45 | 1,485.63 | 1,464.87 |
| 3 | Jun-95 | 131,297.33 | 1,478.18 | 1,447.31 |
| 4 | Jul-95 | 130,634.21 | 1,470.73 | 1,429.92 |
| 5 | Aug-95 | 129,971.10 | 1,463.29 | 1,412.70 |
| 6 | Sep-95 | 129,307.98 | 1,455.84 | 1,395.66 |
| 7 | Oct-95 | 128,644.86 | 1,448.39 | 1,378.79 |
| 8 | Nov-95 | 127,981.74 | 1,440.95 | 1,362.08 |
| 9 | Dec-95 | 127,318.62 | 1,433.50 | 1,345.54 |
| 10 | Jan-96 | 126,655.51 | 1,440.30 | 1,342.44 |
| 11 | Feb-96 | 125,992.39 | 1,432.78 | 1,326.07 |
| 12 | Mar-96 | 125,329.27 | 1,425.26 | 1,309.86 |
| 13 | Apr-96 | 124,666.15 | 1,417.74 | 1,293.81 |
| 14 | May-96 | 124,003.04 | 1,410.22 | 1,277.93 |
| 15 | Jun-96 | 123,339.92 | 1,402.70 | 1,262.20 |
| 16 | Jul-96 | 122,676.80 | 1,395.18 | 1,246.63 |
| 17 | Aug-96 | 122,013.68 | 1,387.65 | 1,231.21 |
| 18 | Sep-96 | 121,350.56 | 1,380.13 | 1,215.96 |
| 19 | Oct-96 | 120,687.45 | 1,372.61 | 1,200.85 |
| 20 | Nov-96 | 120,024.33 | 1,365.09 | 1,185.90 |
| 21 | Dec-96 | 119,361.21 | 1,357.57 | 1,171.09 |
| 22 | Jan-97 | 118,698.09 | 1,350.05 | 1,156.44 |
| 23 | Feb-97 | 118,034.97 | 1,342.53 | 1,141.93 |
| 24 | Mar-97 | 117,371.86 | 1,335.01 | 1,127.58 |
| 25 | Apr-97 | 116,708.74 | 1,327.49 | 1,113.36 |
| 26 | May-97 | 116,045.62 | 1,319.96 | 1,099.29 |
| 27 | Jun-97 | 115,382.50 | 1,312.44 | 1,085.36 |
| 28 | Jul-97 | 114,719.39 | 1,304.92 | 1,071.58 |
| 29 | Aug-97 | 114,056.27 | 1,297.40 | 1,057.93 |
| 30 | Sep-97 | 113,393.15 | 1,289.88 | 1,044.42 |
| 31 | Oct-97 | 112,730.03 | 1,282.36 | 1,031.05 |
| 32 | Nov-97 | 112,066.91 | 1,274.84 | 1,017.82 |
| 33 | Dec-97 | 111,403.80 | 1,267.32 | 1,004.72 |
| 34 | Jan-98 | 110,740.68 | 1,259.79 | 991.76 |
| 35 | Feb-98 | 110,077.56 | 1,252.27 | 978.92 |
| 36 | Mar-98 | 109,414.44 | 1,244.75 | 966.22 |
| 37 | Apr-98 | 108,751.32 | 1,237.23 | 953.65 |
| 38 | May-98 | 108,088.21 | 1,229.71 | 941.21 |
| 39 | Jun-98 | 107,425.09 | 1,222.19 | 928.89 |
| 40 | Jul-98 | 106,761.97 | 1,214.67 | 916.70 |
| 41 | Aug-98 | 106,098.85 | 1,207.15 | 904.64 |
| 42 | Sep-98 | 105,435.74 | 1,199.63 | 892.70 |
| 43 | Oct-98 | 104,772.62 | 1,192.10 | 880.88 |
| 44 | Nov-98 | 104,109.50 | 1,184.58 | 869.19 |
| 45 | Dec-98 | 103,446.38 | 1,177.06 | 857.61 |
| 46 | Jan-99 | 102,783.26 | 1,169.54 | 846.16 |
| 47 | Feb-99 | 102,120.15 | 1,162.02 | 834.82 |
| 48 | Mar-99 | 101,457.03 | 1,154.50 | 823.60 |
| 49 | Apr-99 | 100,793.91 | 1,146.98 | 812.50 |

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE


|  |  |  | Net Present |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Value of <br> Return on |  |
|  |  |  |  | Average |
| Balance |  |  |  |  |

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:


|  |  | Ending Balance | Return on Average Balance | Net Present <br> Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 101 | Aug-03 | 66,311.78 | 755.88 | 371.38 |
| 102 | Sep-03 | 65,648.67 | 748.36 | 365.11 |
| 103 | Oct-03 | 64,985.55 | 740.83 | 358.91 |
| 104 | Nov-03 | 64,322.43 | 733.31 | 352.77 |
| 105 | Dec-03 | 63,659.31 | 725.79 | 346.71 |
| 106 | Jan-04 | 62,996.19 | 718.27 | 340.71 |
| 107 | Feb-04 | 62,333.08 | 710.75 | 334.78 |
| 108 | Mar-04 | 61,669.96 | 703.23 | 328.91 |
| 109 | Apr-04 | 61,006.84 | 695.71 | 323.11 |
| 110 | May-04 | 60,343.72 | 688.19 | 317.38 |
| 111 | Jun-04 | 59,680.61 | 680.67 | 311.71 |
| 112 | Jul-04 | 59,017.49 | 673.14 | 306.10 |
| 113 | Aug-04 | 58,354.37 | 665.62 | 300.56 |
| 114 | Sep-04 | 57,691.25 | 658.10 | 295.08 |
| 115 | Oct-04 | 57,028.13 | 650.58 | 289.66 |
| 116 | Nov-04 | 56,365.02 | 643.06 | 284.31 |
| 117 | Dec-04 | 55,701.90 | 635.54 | 279.01 |
| 118 | Jan-05 | 55,038.78 | 628.02 | 273.78 |
| 119 | Feb-05 | 54,375.66 | 620.50 | 268.60 |
| 120 | Mar-05 | 53,712.54 | 612.97 | 263.48 |
| 121 | Apr-05 | 53,049.43 | 605.45 | 258.43 |
| 122 | May-05 | 52,386.31 | 597.93 | 253.43 |
| 123 | Jun-05 | 51,723.19 | 590.41 | 248.48 |
| 124 | Jul-05 | 51,060.07 | 582.89 | 243.60 |
| 125 | Aug-05 | 50,396.96 | 575.37 | 238.77 |
| 126 | Sep-05 | 49,733.84 | 567.85 | 234.00 |
| 127 | Oct-05 | 49,070.72 | 560.33 | 229.28 |
| 128 | Nov-05 | 48,407.60 | 552.81 | 224.61 |
| 129 | Dec-05 | 47,744.48 | 545.28 | 220.01 |
| 130 | Jan-06 | 47,081.37 | 537.76 | 215.45 |
| 131 | Feb-06 | 46,418.25 | 530.24 | 210.95 |
| 132 | Mar-06 | 45,755.13 | 522.72 | 206.50 |
| 133 | Apr-06 | 45,092.01 | 515.20 | 202.10 |
| 134 | May-06 | 44,428.89 | 507.68 | 197.75 |
| 135 | Jun-06 | 43,765.78 | 500.16 | 193.46 |
| 136 | Jul-06 | 43,102.66 | 492.64 | 189.21 |
| 137 | Aug-06 | 42,439.54 | 485.11 | 185.02 |
| 138 | Sep-06 | 41,776.42 | 477.59 | 180.87 |
| 139 | Oct-06 | 41,113.31 | 470.07 | 176.77 |
| 140 | Nov-06 | 40,450.19 | 462.55 | 172.73 |
| 141 | Dec-06 | 39,787.07 | 455.03 | 168.73 |
| 142 | Jan-07 | 39,123.95 | 447.51 | 164.77 |
| 143 | Feb-07 | 38,460.83 | 439.99 | 160.87 |
| 144 | Mar-07 | 37,797.72 | 432.47 | 157.01 |
| 145 | Apr-07 | 37,134.60 | 424.95 | 153.20 |
| 146 | May-07 | 36,471.48 | 417.42 | 149.43 |
| 147 | Jun-07 | 35,808.36 | 409.90 | 145.71 |
| 148 | Jul-07 | 35,145.25 | 402.38 | 142.03 |
| 149 | Aug-07 | 34,482.13 | 394.86 | 138.40 |
| 150 | Sep-07 | 33,819.01 | 387.34 | 134.81 |
| 151 | Oct-07 | 33,155.89 | 379.82 | 131.27 |

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:


|  |  | Ending Balance | Return on Average Balance | Net Present <br> Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 152 | Nov-07 | 32,492.77 | 372.30 | 127.77 |
| 153 | Dec-07 | 31,829.66 | 364.78 | 124.31 |
| 154 | Jan-08 | 31,166.54 | 357.26 | 120.89 |
| 155 | Feb-08 | 30,503.42 | 349.73 | 117.52 |
| 156 | Mar-08 | 29,840.30 | 342.21 | 114.18 |
| 157 | Apr-08 | 29,177.18 | 334.69 | 110.89 |
| 158 | May-08 | 28,514.07 | 327.17 | 107.64 |
| 159 | Jun-08 | 27,850.95 | 319.65 | 104.43 |
| 160 | Jul-08 | 27,187.83 | 312.13 | 101.25 |
| 161 | Aug-08 | 26,524.71 | 304.61 | 98.12 |
| 162 | Sep-08 | 25,861.60 | 297.09 | 95.03 |
| 163 | Oct-08 | 25,198.48 | 289.56 | 91.97 |
| 164 | Nov-08 | 24,535.36 | 282.04 | 88.96 |
| 165 | Dec-08 | 23,872.24 | 274.52 | 85.98 |
| 166 | Jan-09 | 23,209.12 | 267.00 | 83.04 |
| 167 | Feb-09 | 22,546.01 | 259.48 | 80.13 |
| 168 | Mar-09 | 21,882.89 | 251.96 | 77.26 |
| 169 | Apr-09 | 21,219.77 | 244.44 | 74.43 |
| 170 | May-09 | 20,556.65 | 236.92 | 71.63 |
| 171 | Jun-09 | 19,893.54 | 229.40 | 68.87 |
| 172 | Jul-09 | 19,230.42 | 221.87 | 66.15 |
| 173 | Aug-09 | 18,567.30 | 214.35 | 63.46 |
| 174 | Sep-09 | 17,904.18 | 206.83 | 60.80 |
| 175 | Oct-09 | 17,241.06 | 199.31 | 58.18 |
| 176 | Nov-09 | 16,577.95 | 191.79 | 55.59 |
| 177 | Dec-09 | 15,914.83 | 184.27 | 53.04 |
| 178 | Jan-10 | 15,251.71 | 176.75 | 50.52 |
| 179 | Feb-10 | 14,588.59 | 169.23 | 48.03 |
| 180 | Mar-10 | 13,925.47 | 161.70 | 45.57 |
| 181 | Apr-10 | 13,262.36 | 154.18 | 43.15 |
| 182 | May-10 | 12,599.24 | 146.66 | 40.75 |
| 183 | Jun-10 | 11,936.12 | 139.14 | 38.39 |
| 184 | Jul-10 | 11,273.00 | 131.62 | 36.06 |
| 185 | Aug-10 | 10,609.89 | 124.10 | 33.76 |
| 186 | Sep-10 | 9,946.77 | 116.58 | 31.50 |
| 187 | Oct-10 | 9,283.65 | 109.06 | 29.26 |
| 188 | Nov-10 | 8,620.53 | 101.54 | 27.05 |
| 189 | Dec-10 | 7,957.41 | 94.01 | 24.87 |
| 190 | Jan-11 | 7,294.30 | 86.49 | 22.72 |
| 191 | Feb-11 | 6,631.18 | 78.97 | 20.60 |
| 192 | Mar-11 | 5,968.06 | 71.45 | 18.51 |
| 193 | Apr-11 | 5,304.94 | 63.93 | 16.44 |
| 194 | May-11 | 4,641.82 | 56.41 | 14.41 |
| 195 | Jun-11 | 3,978.71 | 48.89 | 12.40 |
| 196 | Jul-11 | 3,315.59 | 41.37 | 10.42 |
| 197 | Aug-11 | 2,652.47 | 33.85 | 8.46 |
| 198 | Sep-11 | 1,989.35 | 26.32 | 6.54 |
| 199 | Oct-11 | 1,326.24 | 18.80 | 4.64 |
| 200 | Nov-11 | 663.12 | 11.28 | 2.76 |
| 201 | Dec-11 | 0.00 | 3.76 | 0.91 |

Return Foregone if Collection Without Return on Over 17 Years Trojan Net of Classified as In-Service Portion, Boardman Offset Uses UE-88 Authorized COC + 150 BP ROE

Starting Balance 04/01/95:


Net Present
Value of
Return on
Average
Balance
Return on (At 1992 IRP

| Ending | Average | After-Tax |
| :--- | :--- | :---: |
| Balance | Balance | Discount Rate |

Return Foregone if Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC
Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred ITC Balance:

340,162.44
$(66,526.00)$
(9,756.00)
$263,880.44$

Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending <br> Balance | Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
|  | Mar-95 | 263,880.44 |  |  |
| 1 | Apr-95 | 262,567.60 | 2,737.69 | 2,718.49 |
| 2 | May-95 | 261,254.76 | 2,724.03 | 2,685.97 |
| 3 | Jun-95 | 259,941.92 | 2,710.38 | 2,653.77 |
| 4 | Jul-95 | 258,629.08 | 2,696.73 | 2,621.89 |
| 5 | Aug-95 | 257,316.25 | 2,683.07 | 2,590.32 |
| 6 | Sep-95 | 256,003.41 | 2,669.42 | 2,559.07 |
| 7 | Oct-95 | 254,690.57 | 2,655.76 | 2,528.13 |
| 8 | Nov-95 | 253,377.73 | 2,642.11 | 2,497.50 |
| 9 | Dec-95 | 252,064.89 | 2,628.45 | 2,467.17 |
| 10 | Jan-96 | 250,752.06 | 2,637.22 | 2,458.04 |
| 11 | Feb-96 | 249,439.22 | 2,623.45 | 2,428.06 |
| 12 | Mar-96 | 248,126.38 | 2,609.68 | 2,398.38 |
| 13 | Apr-96 | 246,813.54 | 2,595.91 | 2,369.00 |
| 14 | May-96 | 245,500.70 | 2,582.14 | 2,339.91 |
| 15 | Jun-96 | 244,187.87 | 2,568.37 | 2,311.11 |
| 16 | Jul-96 | 242,875.03 | 2,554.60 | 2,282.60 |
| 17 | Aug-96 | 241,562.19 | 2,540.82 | 2,254.38 |
| 18 | Sep-96 | 240,249.35 | 2,527.05 | 2,226.44 |
| 19 | Oct-96 | 238,936.51 | 2,513.28 | 2,198.78 |
| 20 | Nov-96 | 237,623.68 | 2,499.51 | 2,171.40 |
| 21 | Dec-96 | 236,310.84 | 2,485.74 | 2,144.30 |
| 22 | Jan-97 | 234,998.00 | 2,471.97 | 2,117.47 |
| 23 | Feb-97 | 233,685.16 | 2,458.20 | 2,090.91 |
| 24 | Mar-97 | 232,372.32 | 2,444.42 | 2,064.61 |
| 25 | Apr-97 | 231,059.49 | 2,430.65 | 2,038.59 |
| 26 | May-97 | 229,746.65 | 2,416.88 | 2,012.83 |
| 27 | Jun-97 | 228,433.81 | 2,403.11 | 1,987.33 |
| 28 | Jul-97 | 227,120.97 | 2,389.34 | 1,962.08 |
| 29 | Aug-97 | 225,808.13 | 2,375.57 | 1,937.10 |
| 30 | Sep-97 | 224,495.30 | 2,361.80 | 1,912.36 |
| 31 | Oct-97 | 223,182.46 | 2,348.03 | 1,887.88 |
| 32 | Nov-97 | 221,869.62 | 2,334.25 | 1,863.65 |
| 33 | Dec-97 | 220,556.78 | 2,320.48 | 1,839.67 |
| 34 | Jan-98 | 219,243.94 | 2,306.71 | 1,815.93 |
| 35 | Feb-98 | 217,931.11 | 2,292.94 | 1,792.43 |
| 36 | Mar-98 | 216,618.27 | 2,279.17 | 1,769.17 |
| 37 | Apr-98 | 215,305.43 | 2,265.40 | 1,746.15 |
| 38 | May-98 | 213,992.59 | 2,251.63 | 1,723.37 |
| 39 | Jun-98 | 212,679.75 | 2,237.85 | 1,700.82 |
| 40 | Jul-98 | 211,366.92 | 2,224.08 | 1,678.50 |
| 41 | Aug-98 | 210,054.08 | 2,210.31 | 1,656.41 |
| 42 | Sep-98 | 208,741.24 | 2,196.54 | 1,634.55 |
| 43 | Oct-98 | 207,428.40 | 2,182.77 | 1,612.91 |
| 44 | Nov-98 | 206,115.56 | 2,169.00 | 1,591.50 |
| 45 | Dec-98 | 204,802.73 | 2,155.23 | 1,570.31 |

Return Foregone if Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC
Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000):

Pre-Tax Overall Rates of Return:

April 1995 -- December 1995
January 1996 -- September 2001:
October 2001 -- December 2011:

After-Tax Rate of Return from 1992 IRP:
.34\%
3.34\%
8.81\%

|  |  | Ending <br> Balance | Return on Average Balance | Net Present <br> Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 46 | Jan-99 | 203,489.89 | 2,141.45 | 1,549.33 |
| 47 | Feb-99 | 202,177.05 | 2,127.68 | 1,528.58 |
| 48 | Mar-99 | 200,864.21 | 2,113.91 | 1,508.04 |
| 49 | Apr-99 | 199,551.37 | 2,100.14 | 1,487.71 |
| 50 | May-99 | 198,238.54 | 2,086.37 | 1,467.59 |
| 51 | Jun-99 | 196,925.70 | 2,072.60 | 1,447.68 |
| 52 | Jul-99 | 195,612.86 | 2,058.83 | 1,427.98 |
| 53 | Aug-99 | 194,300.02 | 2,045.05 | 1,408.48 |
| 54 | Sep-99 | 192,987.18 | 2,031.28 | 1,389.19 |
| 55 | Oct-99 | 191,674.35 | 2,017.51 | 1,370.09 |
| 56 | Nov-99 | 190,361.51 | 2,003.74 | 1,351.20 |
| 57 | Dec-99 | 189,048.67 | 1,989.97 | 1,332.51 |
| 58 | Jan-00 | 187,735.83 | 1,976.20 | 1,314.01 |
| 59 | Feb-00 | 186,422.99 | 1,962.43 | 1,295.70 |
| 60 | Mar-00 | 185,110.16 | 1,948.65 | 1,277.59 |
| 61 | Apr-00 | 183,797.32 | 1,934.88 | 1,259.66 |
| 62 | May-00 | 182,484.48 | 1,921.11 | 1,241.93 |
| 63 | Jun-00 | 181,171.64 | 1,907.34 | 1,224.38 |
| 64 | Jul-00 | 179,858.80 | 1,893.57 | 1,207.02 |
| 65 | Aug-00 | 178,545.97 | 1,879.80 | 1,189.84 |
| 66 | Sep-00 | 177,233.13 | 1,866.03 | 1,172.84 |
| 67 | Oct-00 | 175,920.29 | 1,852.25 | 1,156.02 |
| 68 | Nov-00 | 174,607.45 | 1,838.48 | 1,139.38 |
| 69 | Dec-00 | 173,294.61 | 1,824.71 | 1,122.92 |
| 70 | Jan-01 | 171,981.78 | 1,810.94 | 1,106.63 |
| 71 | Feb-01 | 170,668.94 | 1,797.17 | 1,090.52 |
| 72 | Mar-01 | 169,356.10 | 1,783.40 | 1,074.57 |
| 73 | Apr-01 | 168,043.26 | 1,769.63 | 1,058.80 |
| 74 | May-01 | 166,730.42 | 1,755.85 | 1,043.19 |
| 75 | Jun-01 | 165,417.59 | 1,742.08 | 1,027.75 |
| 76 | Jul-01 | 164,104.75 | 1,728.31 | 1,012.48 |
| 77 | Aug-01 | 162,791.91 | 1,714.54 | 997.37 |
| 78 | Sep-01 | 161,479.07 | 1,700.77 | 982.42 |
| 79 | Oct-01 | 160,166.23 | 1,687.00 | 967.63 |
| 80 | Nov-01 | 158,853.40 | 1,673.23 | 953.01 |
| 81 | Dec-01 | 157,540.56 | 1,659.45 | 938.54 |
| 82 | Jan-02 | 156,227.72 | 1,645.68 | 924.22 |
| 83 | Feb-02 | 154,914.88 | 1,631.91 | 910.06 |
| 84 | Mar-02 | 153,602.04 | 1,618.14 | 896.05 |
| 85 | Apr-02 | 152,289.21 | 1,604.37 | 882.20 |
| 86 | May-02 | 150,976.37 | 1,590.60 | 868.49 |
| 87 | Jun-02 | 149,663.53 | 1,576.83 | 854.94 |
| 88 | Jul-02 | 148,350.69 | 1,563.05 | 841.53 |
| 89 | Aug-02 | 147,037.85 | 1,549.28 | 828.27 |
| 90 | Sep-02 | 145,725.02 | 1,535.51 | 815.15 |
| 91 | Oct-02 | 144,412.18 | 1,521.74 | 802.17 |
| 92 | Nov-02 | 143,099.34 | 1,507.97 | 789.34 |
| 93 | Dec-02 | 141,786.50 | 1,494.20 | 776.65 |

Return Foregone if Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC
Starting Balance 04/01/95:
04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000):

April 1995 -- December 1995
January 1996 -- September 2001
October 2001 -- December 2011:

After-Tax Rate of Return from 1992 IRP:
13.22\%
13.34\%
13.34\%
8.81\%

|  |  | Ending Balance | Return on Average Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 94 | Jan-03 | 140,473.66 | 1,480.43 | 764.10 |
| 95 | Feb-03 | 139,160.83 | 1,466.65 | 751.68 |
| 96 | Mar-03 | 137,847.99 | 1,452.88 | 739.40 |
| 97 | Apr-03 | 136,535.15 | 1,439.11 | 727.26 |
| 98 | May-03 | 135,222.31 | 1,425.34 | 715.25 |
| 99 | Jun-03 | 133,909.47 | 1,411.57 | 703.37 |
| 100 | Jul-03 | 132,596.64 | 1,397.80 | 691.63 |
| 101 | Aug-03 | 131,283.80 | 1,384.03 | 680.01 |
| 102 | Sep-03 | 129,970.96 | 1,370.26 | 668.52 |
| 103 | Oct-03 | 128,658.12 | 1,356.48 | 657.16 |
| 104 | Nov-03 | 127,345.28 | 1,342.71 | 645.93 |
| 105 | Dec-03 | 126,032.45 | 1,328.94 | 634.82 |
| 106 | Jan-04 | 124,719.61 | 1,315.17 | 623.84 |
| 107 | Feb-04 | 123,406.77 | 1,301.40 | 612.98 |
| 108 | Mar-04 | 122,093.93 | 1,287.63 | 602.24 |
| 109 | Apr-04 | 120,781.09 | 1,273.86 | 591.62 |
| 110 | May-04 | 119,468.26 | 1,260.08 | 581.12 |
| 111 | Jun-04 | 118,155.42 | 1,246.31 | 570.74 |
| 112 | Jul-04 | 116,842.58 | 1,232.54 | 560.48 |
| 113 | Aug-04 | 115,529.74 | 1,218.77 | 550.33 |
| 114 | Sep-04 | 114,216.90 | 1,205.00 | 540.30 |
| 115 | Oct-04 | 112,904.07 | 1,191.23 | 530.38 |
| 116 | Nov-04 | 111,591.23 | 1,177.46 | 520.57 |
| 117 | Dec-04 | 110,278.39 | 1,163.68 | 510.87 |
| 118 | Jan-05 | 108,965.55 | 1,149.91 | 501.29 |
| 119 | Feb-05 | 107,652.71 | 1,136.14 | 491.81 |
| 120 | Mar-05 | 106,339.88 | 1,122.37 | 482.45 |
| 121 | Apr-05 | 105,027.04 | 1,108.60 | 473.18 |
| 122 | May-05 | 103,714.20 | 1,094.83 | 464.03 |
| 123 | Jun-05 | 102,401.36 | 1,081.06 | 454.98 |
| 124 | Jul-05 | 101,088.52 | 1,067.28 | 446.04 |
| 125 | Aug-05 | 99,775.69 | 1,053.51 | 437.19 |
| 126 | Sep-05 | 98,462.85 | 1,039.74 | 428.45 |
| 127 | Oct-05 | 97,150.01 | 1,025.97 | 419.81 |
| 128 | Nov-05 | 95,837.17 | 1,012.20 | 411.27 |
| 129 | Dec-05 | 94,524.33 | 998.43 | 402.83 |
| 130 | Jan-06 | 93,211.50 | 984.66 | 394.49 |
| 131 | Feb-06 | 91,898.66 | 970.88 | 386.25 |
| 132 | Mar-06 | 90,585.82 | 957.11 | 378.10 |
| 133 | Apr-06 | 89,272.98 | 943.34 | 370.05 |
| 134 | May-06 | 87,960.15 | 929.57 | 362.09 |
| 135 | Jun-06 | 86,647.31 | 915.80 | 354.22 |
| 136 | Jul-06 | 85,334.47 | 902.03 | 346.45 |
| 137 | Aug-06 | 84,021.63 | 888.26 | 338.77 |
| 138 | Sep-06 | 82,708.79 | 874.48 | 331.18 |
| 139 | Oct-06 | 81,395.96 | 860.71 | 323.68 |
| 140 | Nov-06 | 80,083.12 | 846.94 | 316.26 |
| 141 | Dec-06 | 78,770.28 | 833.17 | 308.94 |

Return Foregone if Collection Without Return on Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized COC

Starting Balance 04/01/95:

| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ): | $340,162.44$ |
| :--- | ---: |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): | $(66,526.00)$ |
| 04/01/95 Deferred ITC Balance: | $(9,756.00)$ |

04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance)

Pre-Tax Overall Rates of Return:
April 1995 -- December 1995
January 1996 -- September 2001:
October 2001 -- December 2011

After-Tax Rate of Return from 1992 IRP:
13.22\%
13.34\%
13.34\%
8.81\%

Value of
Return on
Average
Balance
(At 1992 IRP
After-Tax

|  |  | Balance | ance | nt Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 142 | Jan-07 | 77,457.44 | 819.40 | 301.70 |
| 143 | Feb-07 | 76,144.60 | 805.63 | 294.55 |
| 144 | Mar-07 | 74,831.77 | 791.86 | 287.49 |
| 145 | Apr-07 | 73,518.93 | 778.08 | 280.51 |
| 146 | May-07 | 72,206.09 | 764.31 | 273.61 |
| 147 | Jun-07 | 70,893.25 | 750.54 | 266.80 |
| 148 | Jul-07 | 69,580.41 | 736.77 | 260.07 |
| 149 | Aug-07 | 68,267.58 | 723.00 | 253.42 |
| 150 | Sep-07 | 66,954.74 | 709.23 | 246.85 |
| 151 | Oct-07 | 65,641.90 | 695.46 | 240.36 |
| 152 | Nov-07 | 64,329.06 | 681.68 | 233.94 |
| 153 | Dec-07 | 63,016.22 | 667.91 | 227.61 |
| 154 | Jan-08 | 61,703.39 | 654.14 | 221.35 |
| 155 | Feb-08 | 60,390.55 | 640.37 | 215.18 |
| 156 | Mar-08 | 59,077.71 | 626.60 | 209.07 |
| 157 | Apr-08 | 57,764.87 | 612.83 | 203.04 |
| 158 | May-08 | 56,452.03 | 599.06 | 197.09 |
| 159 | Jun-08 | 55,139.20 | 585.28 | 191.21 |
| 160 | Jul-08 | 53,826.36 | 571.51 | 185.40 |
| 161 | Aug-08 | 52,513.52 | 557.74 | 179.66 |
| 162 | Sep-08 | 51,200.68 | 543.97 | 174.00 |
| 163 | Oct-08 | 49,887.84 | 530.20 | 168.40 |
| 164 | Nov-08 | 48,575.01 | 516.43 | 162.88 |
| 165 | Dec-08 | 47,262.17 | 502.66 | 157.43 |
| 166 | Jan-09 | 45,949.33 | 488.88 | 152.04 |
| 167 | Feb-09 | 44,636.49 | 475.11 | 146.72 |
| 168 | Mar-09 | 43,323.65 | 461.34 | 141.47 |
| 169 | Apr-09 | 42,010.82 | 447.57 | 136.28 |
| 170 | May-09 | 40,697.98 | 433.80 | 131.16 |
| 171 | Jun-09 | 39,385.14 | 420.03 | 126.11 |
| 172 | Jul-09 | 38,072.30 | 406.26 | 121.12 |
| 173 | Aug-09 | 36,759.46 | 392.49 | 116.19 |
| 174 | Sep-09 | 35,446.63 | 378.71 | 111.33 |
| 175 | Oct-09 | 34,133.79 | 364.94 | 106.53 |
| 176 | Nov-09 | 32,820.95 | 351.17 | 101.79 |
| 177 | Dec-09 | 31,508.11 | 337.40 | 97.11 |
| 178 | Jan-10 | 30,195.27 | 323.63 | 92.50 |
| 179 | Feb-10 | 28,882.44 | 309.86 | 87.94 |
| 180 | Mar-10 | 27,569.60 | 296.09 | 83.44 |
| 181 | Apr-10 | 26,256.76 | 282.31 | 79.00 |
| 182 | May-10 | 24,943.92 | 268.54 | 74.62 |
| 183 | Jun-10 | 23,631.08 | 254.77 | 70.30 |
| 184 | Jul-10 | 22,318.25 | 241.00 | 66.03 |
| 185 | Aug-10 | 21,005.41 | 227.23 | 61.82 |
| 186 | Sep-10 | 19,692.57 | 213.46 | 57.67 |
| 187 | Oct-10 | 18,379.73 | 199.69 | 53.57 |
| 188 | Nov-10 | 17,066.89 | 185.91 | 49.53 |
| 189 | Dec-10 | 15,754.06 | 172.14 | 45.54 |



Pre-Tax Overall Rates of Return:

| April 1995 -- December 1995: | $13.22 \%$ |
| :--- | :--- |
| January 1996 -- September 2001: | $13.34 \%$ |
| October 2001 -- December 2011: | $13.34 \%$ |
|  |  |
| After-Tax Rate of Return from 1992 IRP: | $8.81 \%$ |


|  |  | Ending Balance | Return on <br> Average <br> Balance | Net Present Value of Return on Average Balance (At 1992 IRP After-Tax Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 190 | Jan-11 | 14,441.22 | 158.37 | 41.60 |
| 191 | Feb-11 | 13,128.38 | 144.60 | 37.72 |
| 192 | Mar-11 | 11,815.54 | 130.83 | 33.88 |
| 193 | Apr-11 | 10,502.70 | 117.06 | 30.11 |
| 194 | May-11 | 9,189.87 | 103.29 | 26.38 |
| 195 | Jun-11 | 7,877.03 | 89.51 | 22.70 |
| 196 | Jul-11 | 6,564.19 | 75.74 | 19.07 |
| 197 | Aug-11 | 5,251.35 | 61.97 | 15.50 |
| 198 | Sep-11 | 3,938.51 | 48.20 | 11.97 |
| 199 | Oct-11 | 2,625.68 | 34.43 | 8.49 |
| 200 | Nov-11 | 1,312.84 | 20.66 | 5.06 |
| 201 | Dec-11 | 0.00 | 6.89 | 1.67 |
|  | Sum: |  | 277,982.23 | 182,016.90 |

Return Foregone if Collection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE

$\left.\begin{array}{rcccc} & & & \begin{array}{c}\text { Net Present } \\ \text { Value of }\end{array} \\ & & & & \begin{array}{c}\text { Return on }\end{array} \\ & & & \begin{array}{c}\text { Equity } \\ \text { Portion }\end{array} & \begin{array}{c}\text { Average } \\ \text { Relance }\end{array} \\ & & & \text { Ending } & \text { Average }\end{array} \begin{array}{c}\text { At 1992 IRP } \\ \text { After-Tax }\end{array}\right]$ Discount Rate)

Return Foregone if Collection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE


Return Foregone if Collection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE

| Starting Balance 04/01/95: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): |  |  | 340,162.44 |  |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): |  |  | $(66,526.00)$ |  |
| 04/01/95 Deferred ITC Balance: <br> 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): |  |  | $(9,756.00)$ |  |
|  |  |  |  | 263,880.44 |
|  |  | Pre-Tax |  |  |
| Pre-Tax Equity Portion Adjusted Rates of Return: |  | Overall |  |  |
| April 1995 -- December 1995: 9.43\% | 3.79\% | 13.22\% |  |  |
| January 1996 -- September 2001: 9.52\% | 3.82\% | 13.34\% |  |  |
| October 2001 -- December 2011: 9.52\% |  | 13.34\% |  |  |
| After-Tax Rate of Return from 1992 IRP: 881\% |  |  |  |  |


|  |  | Ending <br> Balance | Equity <br> Portion Return on Average Balance | Net Present <br> Value of Return on Average Balance <br> (At 1992 IRP <br> After-Tax <br> Discount Rate) |
| :---: | :---: | :---: | :---: | :---: |
| 94 | Jan-03 | 140,473.66 | 1,073.84 | 554.24 |
| 95 | Feb-03 | 139,160.83 | 1,063.85 | 545.24 |
| 96 | Mar-03 | 137,847.99 | 1,053.86 | 536.33 |
| 97 | Apr-03 | 136,535.15 | 1,043.87 | 527.52 |
| 98 | May-03 | 135,222.31 | 1,033.89 | 518.81 |
| 99 | Jun-03 | 133,909.47 | 1,023.90 | 510.20 |
| 100 | Jul-03 | 132,596.64 | 1,013.91 | 501.68 |
| 101 | Aug-03 | 131,283.80 | 1,003.92 | 493.25 |
| 102 | Sep-03 | 129,970.96 | 993.93 | 484.92 |
| 103 | Oct-03 | 128,658.12 | 983.94 | 476.68 |
| 104 | Nov-03 | 127,345.28 | 973.95 | 468.53 |
| 105 | Dec-03 | 126,032.45 | 963.96 | 460.48 |
| 106 | Jan-04 | 124,719.61 | 953.97 | 452.51 |
| 107 | Feb-04 | 123,406.77 | 943.98 | 444.63 |
| 108 | Mar-04 | 122,093.93 | 933.99 | 436.84 |
| 109 | Apr-04 | 120,781.09 | 924.00 | 429.14 |
| 110 | May-04 | 119,468.26 | 914.01 | 421.52 |
| 111 | Jun-04 | 118,155.42 | 904.03 | 413.99 |
| 112 | Jul-04 | 116,842.58 | 894.04 | 406.55 |
| 113 | Aug-04 | 115,529.74 | 884.05 | 399.19 |
| 114 | Sep-04 | 114,216.90 | 874.06 | 391.91 |
| 115 | Oct-04 | 112,904.07 | 864.07 | 384.71 |
| 116 | Nov-04 | 111,591.23 | 854.08 | 377.60 |
| 117 | Dec-04 | 110,278.39 | 844.09 | 370.57 |
| 118 | Jan-05 | 108,965.55 | 834.10 | 363.62 |
| 119 | Feb-05 | 107,652.71 | 824.11 | 356.74 |
| 120 | Mar-05 | 106,339.88 | 814.12 | 349.95 |
| 121 | Apr-05 | 105,027.04 | 804.13 | 343.23 |
| 122 | May-05 | 103,714.20 | 794.14 | 336.59 |
| 123 | Jun-05 | 102,401.36 | 784.15 | 330.02 |
| 124 | Jul-05 | 101,088.52 | 774.17 | 323.54 |
| 125 | Aug-05 | 99,775.69 | 764.18 | 317.12 |
| 126 | Sep-05 | 98,462.85 | 754.19 | 310.78 |
| 127 | Oct-05 | 97,150.01 | 744.20 | 304.52 |
| 128 | Nov-05 | 95,837.17 | 734.21 | 298.32 |
| 129 | Dec-05 | 94,524.33 | 724.22 | 292.20 |
| 130 | Jan-06 | 93,211.50 | 714.23 | 286.15 |
| 131 | Feb-06 | 91,898.66 | 704.24 | 280.17 |
| 132 | Mar-06 | 90,585.82 | 694.25 | 274.26 |
| 133 | Apr-06 | 89,272.98 | 684.26 | 268.42 |
| 134 | May-06 | 87,960.15 | 674.27 | 262.64 |
| 135 | Jun-06 | 86,647.31 | 664.28 | 256.94 |
| 136 | Jul-06 | 85,334.47 | 654.29 | 251.30 |
| 137 | Aug-06 | 84,021.63 | 644.31 | 245.73 |
| 138 | Sep-06 | 82,708.79 | 634.32 | 240.22 |
| 139 | Oct-06 | 81,395.96 | 624.33 | 234.78 |
| 140 | Nov-06 | 80,083.12 | 614.34 | 229.41 |
| 141 | Dec-06 | 78,770.28 | 604.35 | 224.09 |

Return Foregone if Collection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE

| Starting Balance 04/01/95: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 04/01/95 Plant Balance (After Net-Benefit Test Disallowance; \$000): |  |  | 340,162.44 | 263,880.44 |
| 04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance): |  |  | (66,526.00) |  |
| 04/01/95 Deferred ITC Balance: |  |  | (9,756.00) |  |
| 04/01/95 After-Tax Balance (After Net-Benefit Test Disallowance): |  |  |  |  |
|  |  | Pre-Tax |  |  |
| Pre-Tax Equity Portion Adjusted Rates of Return: |  | Overall |  |  |
| April 1995 -- December 1995: 9.43\% | 3.79\% | 13.22\% |  |  |
| January 1996 -- September 2001: 9.52\% | 3.82\% | 13.34\% |  |  |
| October 2001 -- December 2011: 9.52\% |  | 13.34\% |  |  |
| After-Tax Rate of Return from 1992 IRP: 8.81\% |  |  |  |  |


|  |  |  | Net Present |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  | Value of |
| Return on |  |  |  |  |
|  |  |  | Equity | Average |
|  |  |  | Portion | Balance |
|  |  | Return on | (At 1992 IRP |  |
|  |  | Balance | Average | After-Tax |
|  |  | $77,457.44$ | 594.36 | Dalance | Discount Rate)

Return Foregone if Collection Without Return on Equity Over 17 Years
Trojan Balance per UE-88
Uses UE-88 Authorized ROE

## Starting Balance 04/01/95:

04/01/95 Plant Balance (After Net-Benefit Test Disallowance; $\$ 000$ ):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance):
04/01/95 Deferred Tax Balance (After Net-Benefit Test Disallowance) 04/01/95 Deferred ITC Balance: $\qquad$

Pre-Tax
Overall

```
April 1995 -- December 1995
```

January 1996 -- September 2001
October 2001 -- December 2011

After-Tax Rate of Return from 1992 IRP:

| $9.43 \%$ | $3.79 \%$ | $13.22 \%$ |
| :--- | :--- | :--- |
| $9.52 \%$ | $3.82 \%$ | $13.34 \%$ |
| $9.52 \%$ |  | $13.34 \%$ |

$\left.\begin{array}{crcr} & & \begin{array}{c}\text { Equity } \\ \text { Portion } \\ \text { Return on }\end{array} & \begin{array}{c}\text { Net Present } \\ \text { Value of } \\ \text { Return on } \\ \text { Average } \\ \text { Balance }\end{array} \\ \text { (At 1992 IRP }\end{array}\right]$

Track Authorized Revenue Requirement Versus 1 Year Collection Add back UE-88 net benefit write-off for PV impact of 1 yr Trojan w/o Return on \$000s

| Month |  | Accrual | UE-88 Write-off Restored | 23,108 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amortization | Interest on Avg. Balance | Balance |
| April | 1995 | 23,120 |  | 91.61 | 23,212.02 |
| May |  | 23,120 |  | 275.57 | 46,607.99 |
| June |  | 23,120 |  | 460.98 | 70,189.38 |
| July |  | 23,120 |  | 647.87 | 93,957.65 |
| August |  | 23,120 |  | 836.23 | 117,914.29 |
| September |  | 23,120 |  | 1,026.09 | 142,060.79 |
| October |  | 23,120 |  | 1,217.45 | 166,398.64 |
| November |  | 23,120 |  | 1,410.32 | 190,929.37 |
| December |  | 23,120 |  | 1,604.73 | 215,654.50 |
| January | 1996 | 25,782 |  | 1,828.36 | 243,265.04 |
| February |  | 25,782 |  | 2,049.25 | 271,096.47 |
| March |  | 25,782 |  | 2,271.90 | 299,150.55 |
| April |  | $(4,490)$ |  | 2,375.24 | 297,035.44 |
| May |  | $(4,490)$ |  | 2,358.32 | 294,903.42 |
| June |  | $(4,490)$ |  | 2,341.27 | 292,754.35 |
| July |  | $(4,490)$ |  | 2,324.07 | 290,588.08 |
| August |  | $(4,490)$ |  | 2,306.74 | 288,404.48 |
| September |  | $(4,490)$ |  | 2,289.27 | 286,203.40 |
| October |  | $(4,490)$ |  | 2,271.67 | 283,984.73 |
| November |  | $(4,490)$ |  | 2,253.92 | 281,748.31 |
| December |  | $(4,490)$ |  | 2,236.03 | 279,494.00 |
| January | 1997 | $(4,124)$ |  | 2,219.46 | 277,589.57 |
| February |  | $(4,124)$ |  | 2,204.22 | 275,669.90 |
| March |  | $(4,124)$ |  | 2,188.86 | 273,734.88 |
| April |  | $(4,124)$ |  | 2,173.38 | 271,784.37 |
| May |  | $(4,124)$ |  | 2,157.78 | 269,818.26 |
| June |  | $(4,124)$ |  | 2,142.05 | 267,836.43 |
| July |  | $(4,124)$ |  | 2,126.20 | 265,838.74 |
| August |  | $(4,124)$ |  | 2,110.21 | 263,825.06 |
| September |  | $(4,124)$ |  | 2,094.10 | 261,795.27 |
| October |  | $(4,124)$ |  | 2,077.87 | 259,749.26 |
| November |  | $(4,124)$ |  | 2,061.50 | 257,686.87 |
| December |  | $(4,124)$ |  | 2,045.00 | 255,607.98 |
| January | 1998 | $(3,858)$ |  | 2,029.43 | 253,779.82 |
| February |  | $(3,858)$ |  | 2,014.81 | 251,937.04 |
| March |  | $(3,858)$ |  | 2,000.07 | 250,079.52 |
| April |  | $(3,858)$ |  | 1,985.21 | 248,207.14 |
| May |  | $(3,858)$ |  | 1,970.23 | 246,319.78 |
| June |  | $(3,858)$ |  | 1,955.13 | 244,417.31 |
| July |  | $(3,858)$ |  | 1,939.91 | 242,499.63 |
| August |  | $(3,858)$ |  | 1,924.57 | 240,566.61 |
| September |  | $(3,858)$ |  | 1,909.10 | 238,618.12 |
| October |  | $(3,858)$ |  | 1,893.51 | 236,654.04 |
| November |  | $(3,858)$ |  | 1,877.80 | 234,674.25 |
| December |  | $(3,858)$ |  | 1,861.96 | 232,678.61 |
| January | 1999 | $(3,971)$ |  | 1,845.54 | 230,552.93 |
| February |  | $(3,971)$ |  | 1,828.54 | 228,410.24 |
| March |  | $(3,971)$ |  | 1,811.40 | 226,250.41 |
| April |  | $(3,971)$ |  | 1,794.12 | 224,073.31 |
| May |  | $(3,971)$ |  | 1,776.70 | 221,878.78 |
| June |  | $(3,971)$ |  | 1,759.15 | 219,666.70 |
| July |  | $(3,971)$ |  | 1,741.45 | 217,436.93 |
| August |  | $(3,971)$ |  | 1,723.61 | 215,189.31 |
| September |  | $(3,971)$ |  | 1,705.63 | 212,923.72 |
| October |  | $(3,971)$ |  | 1,687.50 | 210,639.99 |
| November |  | $(3,971)$ |  | 1,669.24 | 208,338.00 |

Track Authorized Revenue Requirement Versus 1 Year Collection Add back UE-88 net benefit write-off for PV impact of 1 yr Trojan w/o Return on \$000s

| Month |  | Accrual | UE-88 Write-off Restored | 23,108 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amortization | Interest on Avg. Balance | Balance |
| December |  | $(3,971)$ |  | 1,650.82 | 206,017.60 |
| January | 2000 | $(4,056)$ |  | 1,631.92 | 203,593.82 |
| February |  | $(4,056)$ |  | 1,612.53 | 201,150.65 |
| March |  | $(4,056)$ |  | 1,592.98 | 198,687.93 |
| April |  | $(4,056)$ |  | 1,573.28 | 196,205.51 |
| May |  | $(4,056)$ |  | 1,553.42 | 193,703.23 |
| June |  | $(4,056)$ |  | 1,533.40 | 191,180.93 |
| July |  | $(4,056)$ |  | 1,513.22 | 188,638.45 |
| August |  | $(4,056)$ |  | 1,492.88 | 186,075.63 |
| September |  | $(4,056)$ |  | 1,472.38 | 183,492.31 |
|  | Totals | 65,083.35 | - | 118,408.96 | 183,492.31 |
|  | 1995 Amounts | 208,083.65 | - | 7,570.85 | 215,654.50 |
|  | 1996 Amounts | 36,933.45 | - | 26,906.04 | 63,839.49 |
|  | 1997 Amounts | $(49,486.64)$ | - | 25,600.63 | $(23,886.01)$ |
|  | 1998 Amounts | $(46,291.10)$ | - | 23,361.73 | $(22,929.37)$ |
|  | 1999 Amounts | $(47,654.72)$ | - | 20,993.70 | $(26,661.02)$ |
|  | 2000 Amounts | $(36,501.30)$ | - | 13,976.01 | $(22,525.29)$ |
| Totals |  | 65,083.35 | - | 118,408.96 | 183,492.31 |
|  |  | Int Accrued thru 9/00 |  |  | 183,492.31 |
|  |  | 118,408.96 |  |

Description: Collect Trojan over 1 year with no return on, add back write-off, acheive intergenerational equity by reducing Trojan balance with the entirety of the Boardman gain, set up new regulatory asset to defer portion of 1st year collection of NVPC. Collect regulatory assets over 17 years through 2011.

| Trojan Balance @4/1/1995 | 340.16 |
| :--- | ---: |
| Boardman Gain Balance @ 4/1/1995 | $(111.15)$ |
| 1yr collection PV loss | 23.11 |
| New Trojan Balance @ 4/1/1995 | 252.12 |
| Trojan -- Per Rate Orders (4/1/95-9/30/00) | 298.19 |
| UE 88 Power Costs - 1st year | 309.30 |


| Reg Asset Balances @ 4/1/1995 (ltems offset by Boardman Gain): |  |  |
| :--- | ---: | :--- |
| Trojan Pwr Cost Deferrals | 48.46 | All per Order 95-2116 |
| AMAX | 15.84 |  |
| SAVE | 27.88 |  |
| Total | 92.18 | Collected through 2011 |
|  |  |  |
| UE-88 Power Cost Forecast | 309.30 | Avg per Order 95-322 |
| New Reg Asset - Power Costs | 247.98 | Collected through 2011 |
| 1st Yr Collection of Power Costs | 61.32 |  |
|  |  |  |
| Total Reg Assets @ 4/1/1995 | 340.16 |  |

Trojan Revenue Requirements
Dollars in 000s

| (9 Mos) |  |  |  | (9 Mos) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Total |
| 25,229.73 | 28,321.18 | 25,789.47 | 23,730.17 | 21,135.53 | 14,304.17 | 138,510.26 |
| 39,139.29 | 25,562.92 | 23,697.17 | 22,560.93 | 26,519.19 | 22,197.13 | 159,676.63 |
| 64,369.02 | 53,884.11 | 49,486.64 | 46,291.10 | 47,654.72 | 36,501.30 | 298,186.89 |

## Collect Power Cost Deferral and Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 112.85 | (3.28) | 0.43 | 110.00 |
| May |  | 20.66 | (3.28) | 0.94 | 128.33 |
| June |  | 20.66 | (3.28) | 1.09 | 146.81 |
| July |  | 20.66 | (3.28) | 1.23 | 165.43 |
| August |  | 20.66 | (3.28) | 1.38 | 184.20 |
| September |  | 20.66 | (3.28) | 1.53 | 203.12 |
| October |  | 20.66 | (3.28) | 1.68 | 222.19 |
| November |  | 20.66 | (3.28) | 1.83 | 241.41 |
| December |  | 20.66 | (3.28) | 1.98 | 260.78 |
| January | 1996 | 20.66 | (3.28) | 2.16 | 280.33 |
| February |  | 20.66 | (3.28) | 2.31 | 300.03 |
| March |  | 20.66 | (3.28) | 2.47 | 319.89 |
| April |  |  | (3.28) | 2.55 | 319.16 |
| May |  |  | (3.28) | 2.54 | 318.43 |
| June |  |  | (3.28) | 2.53 | 317.68 |
| July |  |  | (3.28) | 2.53 | 316.94 |
| August |  |  | (3.28) | 2.52 | 316.18 |
| September |  |  | (3.28) | 2.52 | 315.43 |
| October |  |  | (3.28) | 2.51 | 314.66 |
| November |  |  | (3.28) | 2.50 | 313.89 |
| December |  |  | (3.28) | 2.50 | 313.11 |
| January | 1997 |  | (3.28) | 2.49 | 312.33 |
| February |  |  | (3.28) | 2.48 | 311.53 |
| March |  |  | (3.28) | 2.48 | 310.74 |
| April |  |  | (3.28) | 2.47 | 309.93 |
| May |  |  | (3.28) | 2.47 | 309.13 |
| June |  |  | (3.28) | 2.46 | 308.31 |
| July |  |  | (3.28) | 2.45 | 307.49 |
| August |  |  | (3.28) | 2.45 | 306.66 |
| September |  |  | (3.28) | 2.44 | 305.83 |
| October |  |  | (3.28) | 2.43 | 304.98 |
| November |  |  | (3.28) | 2.43 | 304.14 |
| December |  |  | (3.28) | 2.42 | 303.28 |
| January | 1998 |  | (3.28) | 2.41 | 302.42 |
| February |  |  | (3.28) | 2.41 | 301.55 |
| March |  |  | (3.28) | 2.40 | 300.68 |
| April |  |  | (3.28) | 2.39 | 299.79 |
| May |  |  | (3.28) | 2.38 | 298.89 |
| June |  |  | (3.28) | 2.38 | 298.00 |
| July |  |  | (3.28) | 2.37 | 297.09 |
| August |  |  | (3.28) | 2.36 | 296.18 |
| September |  |  | (3.28) | 2.36 | 295.26 |
| October |  |  | (3.28) | 2.35 | 294.34 |
| November |  |  | (3.28) | 2.34 | 293.40 |
| December |  |  | (3.28) | 2.33 | 292.46 |
| January | 1999 |  | (3.28) | 2.33 | 291.51 |
| February |  |  | (3.28) | 2.32 | 290.56 |
| March |  |  | (3.28) | 2.31 | 289.59 |
| April |  |  | (3.28) | 2.30 | 288.62 |
| May |  |  | (3.28) | 2.30 | 287.64 |

## Collect Power Cost Deferral and Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (3.28) | 2.29 | 286.66 |
| July |  |  | (3.28) | 2.28 | 285.66 |
| August |  |  | (3.28) | 2.27 | 284.66 |
| September |  |  | (3.28) | 2.26 | 283.64 |
| October |  |  | (3.28) | 2.26 | 282.63 |
| November |  |  | (3.28) | 2.25 | 281.60 |
| December |  |  | (3.28) | 2.24 | 280.57 |
| January | 2000 |  | (3.28) | 2.23 | 279.52 |
| February |  |  | (3.28) | 2.22 | 278.47 |
| March |  |  | (3.28) | 2.21 | 277.40 |
| April |  |  | (3.28) | 2.21 | 276.34 |
| May |  |  | (3.28) | 2.20 | 275.26 |
| June |  |  | (3.28) | 2.19 | 274.18 |
| July |  |  | (3.28) | 2.18 | 273.08 |
| August |  |  | (3.28) | 2.17 | 271.97 |
| September |  |  | (3.28) | 2.16 | 270.86 |
| October |  |  | (3.28) | 2.15 | 269.73 |
| November |  |  | (3.28) | 2.14 | 268.60 |
| December |  |  | (3.28) | 2.14 | 267.46 |
| January | 2001 |  | (3.28) | 2.13 | 266.32 |
| February |  |  | (3.28) | 2.12 | 265.16 |
| March |  |  | (3.28) | 2.11 | 264.00 |
| April |  |  | (3.28) | 2.10 | 262.82 |
| May |  |  | (3.28) | 2.09 | 261.64 |
| June |  |  | (3.28) | 2.08 | 260.44 |
| July |  |  | (3.28) | 2.07 | 259.24 |
| August |  |  | (3.28) | 2.06 | 258.02 |
| September |  |  | (3.28) | 2.05 | 256.80 |
| October |  |  | (3.28) | 2.04 | 255.56 |
| November |  |  | (3.28) | 2.03 | 254.32 |
| December |  |  | (3.28) | 2.02 | 253.06 |
| January | 2002 |  | (3.28) | 2.01 | 251.80 |
| February |  |  | (3.28) | 2.00 | 250.52 |
| March |  |  | (3.28) | 1.99 | 249.24 |
| April |  |  | (3.28) | 1.98 | 247.94 |
| May |  |  | (3.28) | 1.97 | 246.64 |
| June |  |  | (3.28) | 1.96 | 245.32 |
| July |  |  | (3.28) | 1.95 | 244.00 |
| August |  |  | (3.28) | 1.94 | 242.66 |
| September |  |  | (3.28) | 1.93 | 241.32 |
| October |  |  | (3.28) | 1.92 | 239.96 |
| November |  |  | (3.28) | 1.91 | 238.59 |
| December |  |  | (3.28) | 1.90 | 237.22 |
| January | 2003 |  | (3.28) | 1.88 | 235.82 |
| February |  |  | (3.28) | 1.87 | 234.42 |
| March |  |  | (3.28) | 1.86 | 233.00 |
| April |  |  | (3.28) | 1.85 | 231.58 |
| May |  |  | (3.28) | 1.84 | 230.14 |
| June |  |  | (3.28) | 1.83 | 228.70 |
| July |  |  | (3.28) | 1.82 | 227.24 |
| August |  |  | (3.28) | 1.80 | 225.77 |
| September |  |  | (3.28) | 1.79 | 224.28 |

## Collect Power Cost Deferral and Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (3.28) | 1.78 | 222.79 |
| November |  |  | (3.28) | 1.77 | 221.28 |
| December |  |  | (3.28) | 1.76 | 219.77 |
| January | 2004 |  | (3.28) | 1.74 | 218.23 |
| February |  |  | (3.28) | 1.73 | 216.69 |
| March |  |  | (3.28) | 1.72 | 215.13 |
| April |  |  | (3.28) | 1.71 | 213.57 |
| May |  |  | (3.28) | 1.70 | 211.99 |
| June |  |  | (3.28) | 1.68 | 210.40 |
| July |  |  | (3.28) | 1.67 | 208.79 |
| August |  |  | (3.28) | 1.66 | 207.18 |
| September |  |  | (3.28) | 1.64 | 205.54 |
| October |  |  | (3.28) | 1.63 | 203.90 |
| November |  |  | (3.28) | 1.62 | 202.24 |
| December |  |  | (3.28) | 1.60 | 200.57 |
| January | 2005 |  | (3.28) | 1.59 | 198.88 |
| February |  |  | (3.28) | 1.58 | 197.18 |
| March |  |  | (3.28) | 1.56 | 195.47 |
| April |  |  | (3.28) | 1.55 | 193.74 |
| May |  |  | (3.28) | 1.54 | 192.01 |
| June |  |  | (3.28) | 1.52 | 190.25 |
| July |  |  | (3.28) | 1.51 | 188.49 |
| August |  |  | (3.28) | 1.49 | 186.70 |
| September |  |  | (3.28) | 1.48 | 184.91 |
| October |  |  | (3.28) | 1.47 | 183.10 |
| November |  |  | (3.28) | 1.45 | 181.28 |
| December |  |  | (3.28) | 1.44 | 179.44 |
| January | 2006 |  | (3.28) | 1.42 | 177.59 |
| February |  |  | (3.28) | 1.41 | 175.72 |
| March |  |  | (3.28) | 1.39 | 173.84 |
| April |  |  | (3.28) | 1.38 | 171.94 |
| May |  |  | (3.28) | 1.36 | 170.03 |
| June |  |  | (3.28) | 1.35 | 168.10 |
| July |  |  | (3.28) | 1.33 | 166.16 |
| August |  |  | (3.28) | 1.32 | 164.20 |
| September |  |  | (3.28) | 1.30 | 162.23 |
| October |  |  | (3.28) | 1.28 | 160.23 |
| November |  |  | (3.28) | 1.27 | 158.23 |
| December |  |  | (3.28) | 1.25 | 156.20 |
| January | 2007 |  | (3.28) | 1.24 | 154.17 |
| February |  |  | (3.28) | 1.22 | 152.11 |
| March |  |  | (3.28) | 1.20 | 150.04 |
| April |  |  | (3.28) | 1.19 | 147.95 |
| May |  |  | (3.28) | 1.17 | 145.84 |
| June |  |  | (3.28) | 1.15 | 143.72 |
| July |  |  | (3.28) | 1.14 | 141.58 |
| August |  |  | (3.28) | 1.12 | 139.43 |
| September |  |  | (3.28) | 1.10 | 137.25 |
| October |  |  | (3.28) | 1.08 | 135.06 |
| November |  |  | (3.28) | 1.07 | 132.85 |
| December |  |  | (3.28) | 1.05 | 130.63 |
| January | 2008 |  | (3.28) | 1.03 | 128.38 |

## Collect Power Cost Deferral and Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization $\begin{gathered}\text { Interest on } \\ \text { Avg. Balance }\end{gathered}$ |  | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February |  |  | (3.28) | 1.01 | 126.12 |
| March |  |  | (3.28) | 1.00 | 123.84 |
| April |  |  | (3.28) | 0.98 | 121.55 |
| May |  |  | (3.28) | 0.96 | 119.23 |
| June |  |  | (3.28) | 0.94 | 116.90 |
| July |  |  | (3.28) | 0.92 | 114.54 |
| August |  |  | (3.28) | 0.90 | 112.17 |
| September |  |  | (3.28) | 0.88 | 109.77 |
| October |  |  | (3.28) | 0.86 | 107.36 |
| November |  |  | (3.28) | 0.85 | 104.93 |
| December |  |  | (3.28) | 0.83 | 102.49 |
| January | 2009 |  | (3.28) | 0.81 | 100.02 |
| February |  |  | (3.28) | 0.79 | 97.54 |
| March |  |  | (3.28) | 0.77 | 95.03 |
| April |  |  | (3.28) | 0.75 | 92.51 |
| May |  |  | (3.28) | 0.73 | 89.96 |
| June |  |  | (3.28) | 0.71 | 87.40 |
| July |  |  | (3.28) | 0.69 | 84.81 |
| August |  |  | (3.28) | 0.67 | 82.20 |
| September |  |  | (3.28) | 0.64 | 79.57 |
| October |  |  | (3.28) | 0.62 | 76.91 |
| November |  |  | (3.28) | 0.60 | 74.24 |
| December |  |  | (3.28) | 0.58 | 71.54 |
| January | 2010 |  | (3.28) | 0.56 | 68.83 |
| February |  |  | (3.28) | 0.54 | 66.09 |
| March |  |  | (3.28) | 0.52 | 63.34 |
| April |  |  | (3.28) | 0.49 | 60.55 |
| May |  |  | (3.28) | 0.47 | 57.75 |
| June |  |  | (3.28) | 0.45 | 54.92 |
| July |  |  | (3.28) | 0.43 | 52.08 |
| August |  |  | (3.28) | 0.40 | 49.20 |
| September |  |  | (3.28) | 0.38 | 46.31 |
| October |  |  | (3.28) | 0.36 | 43.39 |
| November |  |  | (3.28) | 0.33 | 40.45 |
| December |  |  | (3.28) | 0.31 | 37.48 |
| January | 2011 |  | (3.28) | 0.29 | 34.50 |
| February |  |  | (3.28) | 0.26 | 31.48 |
| March |  |  | (3.28) | 0.24 | 28.45 |
| April |  |  | (3.28) | 0.21 | 25.38 |
| May |  |  | (3.28) | 0.19 | 22.30 |
| June |  |  | (3.28) | 0.17 | 19.19 |
| July |  |  | (3.28) | 0.14 | 16.06 |
| August |  |  | (3.28) | 0.12 | 12.90 |
| September |  |  | (3.28) | 0.09 | 9.72 |
| October |  |  | (3.28) | 0.06 | 6.50 |
| November |  |  | (3.28) | 0.04 | 3.26 |
| December |  |  | (3.28) | 0.01 | (0.00) |
|  |  | 340.16 | (658.31) | 318.15 | (0.00) |

## Collect Power Cost Deferral and Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 Amounts | 278.17 | (29.48) | 12.09 | 260.78 |
|  | 1996 Amounts | 61.99 | (39.30) | 29.64 | 52.33 |
|  | 1997 Amounts | - | (39.30) | 29.47 | (9.83) |
|  | 1998 Amounts | - | (39.30) | 28.48 | (10.82) |
|  | 1999 Amounts | - | (39.30) | 27.41 | (11.89) |
|  | 2000 Amounts | - | (39.30) | 26.20 | (13.10) |
|  | 2001 Amounts | - | (39.30) | 24.90 | (14.40) |
|  | 2002 Amounts | - | (39.30) | 23.46 | (15.84) |
|  | 2003 Amounts | - | (39.30) | 21.85 | (17.45) |
|  | 2004 Amounts | - | (39.30) | 20.10 | (19.20) |
|  | 2005 Amounts | - | (39.30) | 18.18 | (21.12) |
|  | 2006 Amounts | - | (39.30) | 16.06 | (23.24) |
|  | 2007 Amounts | - | (39.30) | 13.73 | (25.57) |
|  | 2008 Amounts | - | (39.30) | 11.16 | (28.14) |
|  | 2009 Amounts | - | (39.30) | 8.36 | (30.94) |
|  | 2010 Amounts | - | (39.30) | 5.24 | (34.06) |
|  | 2011 Amounts | - | (39.30) | 1.82 | (37.48) |
|  | Totals | 340.16 | (658.31) | 318.15 | (0.00) |
|  |  |  |  |  | (0.00) |

Total
Payments
(216.162)

## Collect Power Cost Deferral over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 20.66 | (2.36) | 0.07 | 18.38 |
| May |  | 20.66 | (2.36) | 0.22 | 36.90 |
| June |  | 20.66 | (2.36) | 0.36 | 55.57 |
| July |  | 20.66 | (2.36) | 0.51 | 74.38 |
| August |  | 20.66 | (2.36) | 0.66 | 93.35 |
| September |  | 20.66 | (2.36) | 0.81 | 112.46 |
| October |  | 20.66 | (2.36) | 0.96 | 131.73 |
| November |  | 20.66 | (2.36) | 1.12 | 151.16 |
| December |  | 20.66 | (2.36) | 1.27 | 170.73 |
| January | 1996 | 20.66 | (2.36) | 1.44 | 190.48 |
| February |  | 20.66 | (2.36) | 1.60 | 210.38 |
| March |  | 20.66 | (2.36) | 1.76 | 230.45 |
| April |  |  | (2.36) | 1.83 | 229.92 |
| May |  |  | (2.36) | 1.83 | 229.39 |
| June |  |  | (2.36) | 1.83 | 228.86 |
| July |  |  | (2.36) | 1.82 | 228.32 |
| August |  |  | (2.36) | 1.82 | 227.78 |
| September |  |  | (2.36) | 1.81 | 227.23 |
| October |  |  | (2.36) | 1.81 | 226.68 |
| November |  |  | (2.36) | 1.80 | 226.12 |
| December |  |  | (2.36) | 1.80 | 225.56 |
| January | 1997 |  | (2.36) | 1.79 | 225.00 |
| February |  |  | (2.36) | 1.79 | 224.43 |
| March |  |  | (2.36) | 1.79 | 223.86 |
| April |  |  | (2.36) | 1.78 | 223.28 |
| May |  |  | (2.36) | 1.78 | 222.70 |
| June |  |  | (2.36) | 1.77 | 222.11 |
| July |  |  | (2.36) | 1.77 | 221.52 |
| August |  |  | (2.36) | 1.76 | 220.92 |
| September |  |  | (2.36) | 1.76 | 220.32 |
| October |  |  | (2.36) | 1.75 | 219.71 |
| November |  |  | (2.36) | 1.75 | 219.10 |
| December |  |  | (2.36) | 1.74 | 218.48 |
| January | 1998 |  | (2.36) | 1.74 | 217.86 |
| February |  |  | (2.36) | 1.73 | 217.24 |
| March |  |  | (2.36) | 1.73 | 216.61 |
| April |  |  | (2.36) | 1.72 | 215.97 |
| May |  |  | (2.36) | 1.72 | 215.33 |
| June |  |  | (2.36) | 1.71 | 214.68 |
| July |  |  | (2.36) | 1.71 | 214.03 |
| August |  |  | (2.36) | 1.70 | 213.37 |
| September |  |  | (2.36) | 1.70 | 212.71 |
| October |  |  | (2.36) | 1.69 | 212.04 |
| November |  |  | (2.36) | 1.69 | 211.37 |
| December |  |  | (2.36) | 1.68 | 210.69 |
| January | 1999 |  | (2.36) | 1.68 | 210.01 |
| February |  |  | (2.36) | 1.67 | 209.32 |
| March |  |  | (2.36) | 1.66 | 208.63 |
| April |  |  | (2.36) | 1.66 | 207.93 |
| May |  |  | (2.36) | 1.65 | 207.22 |

## Collect Power Cost Deferral over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (2.36) | 1.65 | 206.51 |
| July |  |  | (2.36) | 1.64 | 205.79 |
| August |  |  | (2.36) | 1.64 | 205.07 |
| September |  |  | (2.36) | 1.63 | 204.34 |
| October |  |  | (2.36) | 1.62 | 203.60 |
| November |  |  | (2.36) | 1.62 | 202.86 |
| December |  |  | (2.36) | 1.61 | 202.11 |
| January | 2000 |  | (2.36) | 1.61 | 201.36 |
| February |  |  | (2.36) | 1.60 | 200.60 |
| March |  |  | (2.36) | 1.59 | 199.83 |
| April |  |  | (2.36) | 1.59 | 199.06 |
| May |  |  | (2.36) | 1.58 | 198.29 |
| June |  |  | (2.36) | 1.58 | 197.51 |
| July |  |  | (2.36) | 1.57 | 196.72 |
| August |  |  | (2.36) | 1.56 | 195.92 |
| September |  |  | (2.36) | 1.56 | 195.12 |
| October |  |  | (2.36) | 1.55 | 194.31 |
| November |  |  | (2.36) | 1.54 | 193.49 |
| December |  |  | (2.36) | 1.54 | 192.67 |
| January | 2001 |  | (2.36) | 1.53 | 191.84 |
| February |  |  | (2.36) | 1.52 | 191.00 |
| March |  |  | (2.36) | 1.52 | 190.16 |
| April |  |  | (2.36) | 1.51 | 189.31 |
| May |  |  | (2.36) | 1.50 | 188.45 |
| June |  |  | (2.36) | 1.50 | 187.60 |
| July |  |  | (2.36) | 1.49 | 186.73 |
| August |  |  | (2.36) | 1.48 | 185.85 |
| September |  |  | (2.36) | 1.48 | 184.97 |
| October |  |  | (2.36) | 1.47 | 184.08 |
| November |  |  | (2.36) | 1.46 | 183.18 |
| December |  |  | (2.36) | 1.46 | 182.28 |
| January | 2002 |  | (2.36) | 1.45 | 181.37 |
| February |  |  | (2.36) | 1.44 | 180.45 |
| March |  |  | (2.36) | 1.43 | 179.52 |
| April |  |  | (2.36) | 1.43 | 178.59 |
| May |  |  | (2.36) | 1.42 | 177.65 |
| June |  |  | (2.36) | 1.41 | 176.70 |
| July |  |  | (2.36) | 1.40 | 175.75 |
| August |  |  | (2.36) | 1.40 | 174.79 |
| September |  |  | (2.36) | 1.39 | 173.82 |
| October |  |  | (2.36) | 1.38 | 172.84 |
| November |  |  | (2.36) | 1.37 | 171.85 |
| December |  |  | (2.36) | 1.37 | 170.86 |
| January | 2003 |  | (2.36) | 1.36 | 169.86 |
| February |  |  | (2.36) | 1.35 | 168.85 |
| March |  |  | (2.36) | 1.34 | 167.83 |
| April |  |  | (2.36) | 1.33 | 166.80 |
| May |  |  | (2.36) | 1.32 | 165.76 |
| June |  |  | (2.36) | 1.32 | 164.72 |
| July |  |  | (2.36) | 1.31 | 163.67 |
| August |  |  | (2.36) | 1.30 | 162.62 |
| September |  |  | (2.36) | 1.29 | 161.55 |

## Collect Power Cost Deferral over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (2.36) | 1.28 | 160.47 |
| November |  |  | (2.36) | 1.27 | 159.38 |
| December |  |  | (2.36) | 1.27 | 158.29 |
| January | 2004 |  | (2.36) | 1.26 | 157.19 |
| February |  |  | (2.36) | 1.25 | 156.08 |
| March |  |  | (2.36) | 1.24 | 154.96 |
| April |  |  | (2.36) | 1.23 | 153.83 |
| May |  |  | (2.36) | 1.22 | 152.69 |
| June |  |  | (2.36) | 1.21 | 151.54 |
| July |  |  | (2.36) | 1.20 | 150.38 |
| August |  |  | (2.36) | 1.19 | 149.21 |
| September |  |  | (2.36) | 1.18 | 148.04 |
| October |  |  | (2.36) | 1.17 | 146.85 |
| November |  |  | (2.36) | 1.17 | 145.66 |
| December |  |  | (2.36) | 1.16 | 144.46 |
| January | 2005 |  | (2.36) | 1.15 | 143.25 |
| February |  |  | (2.36) | 1.14 | 142.03 |
| March |  |  | (2.36) | 1.13 | 140.80 |
| April |  |  | (2.36) | 1.12 | 139.56 |
| May |  |  | (2.36) | 1.11 | 138.31 |
| June |  |  | (2.36) | 1.10 | 137.05 |
| July |  |  | (2.36) | 1.09 | 135.78 |
| August |  |  | (2.36) | 1.08 | 134.50 |
| September |  |  | (2.36) | 1.07 | 133.21 |
| October |  |  | (2.36) | 1.06 | 131.91 |
| November |  |  | (2.36) | 1.05 | 130.61 |
| December |  |  | (2.36) | 1.04 | 129.29 |
| January | 2006 |  | (2.36) | 1.02 | 127.95 |
| February |  |  | (2.36) | 1.01 | 126.60 |
| March |  |  | (2.36) | 1.00 | 125.24 |
| April |  |  | (2.36) | 0.99 | 123.87 |
| May |  |  | (2.36) | 0.98 | 122.49 |
| June |  |  | (2.36) | 0.97 | 121.10 |
| July |  |  | (2.36) | 0.96 | 119.70 |
| August |  |  | (2.36) | 0.95 | 118.29 |
| September |  |  | (2.36) | 0.94 | 116.87 |
| October |  |  | (2.36) | 0.93 | 115.44 |
| November |  |  | (2.36) | 0.91 | 113.99 |
| December |  |  | (2.36) | 0.90 | 112.54 |
| January | 2007 |  | (2.36) | 0.89 | 111.07 |
| February |  |  | (2.36) | 0.88 | 109.59 |
| March |  |  | (2.36) | 0.87 | 108.10 |
| April |  |  | (2.36) | 0.86 | 106.60 |
| May |  |  | (2.36) | 0.84 | 105.08 |
| June |  |  | (2.36) | 0.83 | 103.55 |
| July |  |  | (2.36) | 0.82 | 102.01 |
| August |  |  | (2.36) | 0.81 | 100.46 |
| September |  |  | (2.36) | 0.79 | 98.89 |
| October |  |  | (2.36) | 0.78 | 97.31 |
| November |  |  | (2.36) | 0.77 | 95.72 |
| December |  |  | (2.36) | 0.76 | 94.12 |
| January | 2008 |  | (2.36) | 0.74 | 92.51 |

## Collect Power Cost Deferral over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February |  |  | (2.36) | 0.73 | 90.88 |
| March |  |  | (2.36) | 0.72 | 89.24 |
| April |  |  | (2.36) | 0.70 | 87.58 |
| May |  |  | (2.36) | 0.69 | 85.91 |
| June |  |  | (2.36) | 0.68 | 84.23 |
| July |  |  | (2.36) | 0.66 | 82.53 |
| August |  |  | (2.36) | 0.65 | 80.82 |
| September |  |  | (2.36) | 0.64 | 79.10 |
| October |  |  | (2.36) | 0.62 | 77.36 |
| November |  |  | (2.36) | 0.61 | 75.61 |
| December |  |  | (2.36) | 0.60 | 73.85 |
| January | 2009 |  | (2.36) | 0.58 | 72.07 |
| February |  |  | (2.36) | 0.57 | 70.29 |
| March |  |  | (2.36) | 0.55 | 68.48 |
| April |  |  | (2.36) | 0.54 | 66.66 |
| May |  |  | (2.36) | 0.52 | 64.82 |
| June |  |  | (2.36) | 0.51 | 62.97 |
| July |  |  | (2.36) | 0.49 | 61.10 |
| August |  |  | (2.36) | 0.48 | 59.22 |
| September |  |  | (2.36) | 0.46 | 57.32 |
| October |  |  | (2.36) | 0.45 | 55.41 |
| November |  |  | (2.36) | 0.43 | 53.48 |
| December |  |  | (2.36) | 0.42 | 51.54 |
| January | 2010 |  | (2.36) | 0.40 | 49.58 |
| February |  |  | (2.36) | 0.39 | 47.61 |
| March |  |  | (2.36) | 0.37 | 45.63 |
| April |  |  | (2.36) | 0.36 | 43.63 |
| May |  |  | (2.36) | 0.34 | 41.61 |
| June |  |  | (2.36) | 0.32 | 39.57 |
| July |  |  | (2.36) | 0.31 | 37.52 |
| August |  |  | (2.36) | 0.29 | 35.45 |
| September |  |  | (2.36) | 0.27 | 33.36 |
| October |  |  | (2.36) | 0.26 | 31.26 |
| November |  |  | (2.36) | 0.24 | 29.14 |
| December |  |  | (2.36) | 0.22 | 27.00 |
| January | 2011 |  | (2.36) | 0.21 | 24.85 |
| February |  |  | (2.36) | 0.19 | 22.68 |
| March |  |  | (2.36) | 0.17 | 20.49 |
| April |  |  | (2.36) | 0.15 | 18.28 |
| May |  |  | (2.36) | 0.14 | 16.07 |
| June |  |  | (2.36) | 0.12 | 13.83 |
| July |  |  | (2.36) | 0.10 | 11.57 |
| August |  |  | (2.36) | 0.08 | 9.29 |
| September |  |  | (2.36) | 0.06 | 6.99 |
| October |  |  | (2.36) | 0.05 | 4.68 |
| November |  |  | (2.36) | 0.03 | 2.35 |
| December |  |  | (2.36) | 0.01 | 0.00 |
|  |  | 247.98 | (474.21) | 226.23 | 0.00 |

## Collect Power Cost Deferral over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 Amounts | 185.98 | (21.23) | 5.98 | 170.73 |
|  | 1996 Amounts | 61.99 | (28.31) | 21.15 | 54.83 |
|  | 1997 Amounts | - | (28.31) | 21.23 | (7.08) |
|  | 1998 Amounts | - | (28.31) | 20.52 | (7.79) |
|  | 1999 Amounts | - | (28.31) | 19.73 | (8.58) |
|  | 2000 Amounts | - | (28.31) | 18.87 | (9.44) |
|  | 2001 Amounts | - | (28.31) | 17.92 | (10.39) |
|  | 2002 Amounts | - | (28.31) | 16.89 | (11.42) |
|  | 2003 Amounts | - | (28.31) | 15.74 | (12.57) |
|  | 2004 Amounts | - | (28.31) | 14.48 | (13.83) |
|  | 2005 Amounts | - | (28.31) | 13.14 | (15.17) |
|  | 2006 Amounts | - | (28.31) | 11.56 | (16.75) |
|  | 2007 Amounts | - | (28.31) | 9.90 | (18.41) |
|  | 2008 Amounts | - | (28.31) | 8.04 | (20.27) |
|  | 2009 Amounts | - | (28.31) | 6.00 | (22.31) |
|  | 2010 Amounts | - | (28.31) | 3.77 | (24.54) |
|  | 2011 Amounts | - | (28.31) | 1.31 | (27.00) |
|  | Totals | 247.98 | $\underline{(474.21)}$ | 226.23 | 0.00 |
|  |  |  |  |  | 0.00 |

Total
Payments (155.710)

## Collect Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 92.18 | (0.92) | 0.36 | 91.63 |
| May |  |  | (0.92) | 0.72 | 91.43 |
| June |  |  | (0.92) | 0.72 | 91.24 |
| July |  |  | (0.92) | 0.72 | 91.04 |
| August |  |  | (0.92) | 0.72 | 90.85 |
| September |  |  | (0.92) | 0.72 | 90.65 |
| October |  |  | (0.92) | 0.71 | 90.45 |
| November |  |  | (0.92) | 0.71 | 90.24 |
| December |  |  | (0.92) | 0.71 | 90.03 |
| January | 1996 |  | (0.92) | 0.72 | 89.84 |
| February |  |  | (0.92) | 0.71 | 89.63 |
| March |  |  | (0.92) | 0.71 | 89.43 |
| April |  |  | (0.92) | 0.71 | 89.22 |
| May |  |  | (0.92) | 0.71 | 89.02 |
| June |  |  | (0.92) | 0.71 | 88.81 |
| July |  |  | (0.92) | 0.71 | 88.61 |
| August |  |  | (0.92) | 0.71 | 88.40 |
| September |  |  | (0.92) | 0.70 | 88.19 |
| October |  |  | (0.92) | 0.70 | 87.97 |
| November |  |  | (0.92) | 0.70 | 87.75 |
| December |  |  | (0.92) | 0.70 | 87.54 |
| January | 1997 |  | (0.92) | 0.70 | 87.32 |
| February |  |  | (0.92) | 0.69 | 87.10 |
| March |  |  | (0.92) | 0.69 | 86.87 |
| April |  |  | (0.92) | 0.69 | 86.65 |
| May |  |  | (0.92) | 0.69 | 86.42 |
| June |  |  | (0.92) | 0.69 | 86.20 |
| July |  |  | (0.92) | 0.69 | 85.97 |
| August |  |  | (0.92) | 0.68 | 85.74 |
| September |  |  | (0.92) | 0.68 | 85.50 |
| October |  |  | (0.92) | 0.68 | 85.27 |
| November |  |  | (0.92) | 0.68 | 85.03 |
| December |  |  | (0.92) | 0.68 | 84.79 |
| January | 1998 |  | (0.92) | 0.67 | 84.55 |
| February |  |  | (0.92) | 0.67 | 84.30 |
| March |  |  | (0.92) | 0.67 | 84.06 |
| April |  |  | (0.92) | 0.67 | 83.81 |
| May |  |  | (0.92) | 0.67 | 83.57 |
| June |  |  | (0.92) | 0.66 | 83.31 |
| July |  |  | (0.92) | 0.66 | 83.06 |
| August |  |  | (0.92) | 0.66 | 82.80 |
| September |  |  | (0.92) | 0.66 | 82.55 |
| October |  |  | (0.92) | 0.66 | 82.29 |
| November |  |  | (0.92) | 0.65 | 82.03 |
| December |  |  | (0.92) | 0.65 | 81.76 |
| January | 1999 |  | (0.92) | 0.65 | 81.49 |
| February |  |  | (0.92) | 0.65 | 81.23 |
| March |  |  | (0.92) | 0.65 | 80.96 |
| April |  |  | (0.92) | 0.64 | 80.69 |
| May |  |  | (0.92) | 0.64 | 80.41 |

## Collect Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (0.92) | 0.64 | 80.14 |
| July |  |  | (0.92) | 0.64 | 79.86 |
| August |  |  | (0.92) | 0.64 | 79.59 |
| September |  |  | (0.92) | 0.63 | 79.30 |
| October |  |  | (0.92) | 0.63 | 79.02 |
| November |  |  | (0.92) | 0.63 | 78.73 |
| December |  |  | (0.92) | 0.63 | 78.44 |
| January | 2000 |  | (0.92) | 0.62 | 78.15 |
| February |  |  | (0.92) | 0.62 | 77.85 |
| March |  |  | (0.92) | 0.62 | 77.56 |
| April |  |  | (0.92) | 0.62 | 77.26 |
| May |  |  | (0.92) | 0.61 | 76.96 |
| June |  |  | (0.92) | 0.61 | 76.65 |
| July |  |  | (0.92) | 0.61 | 76.35 |
| August |  |  | (0.92) | 0.61 | 76.04 |
| September |  |  | (0.92) | 0.60 | 75.73 |
| October |  |  | (0.92) | 0.60 | 75.41 |
| November |  |  | (0.92) | 0.60 | 75.10 |
| December |  |  | (0.92) | 0.60 | 74.78 |
| January | 2001 |  | (0.92) | 0.59 | 74.45 |
| February |  |  | (0.92) | 0.59 | 74.13 |
| March |  |  | (0.92) | 0.59 | 73.80 |
| April |  |  | (0.92) | 0.59 | 73.48 |
| May |  |  | (0.92) | 0.58 | 73.14 |
| June |  |  | (0.92) | 0.58 | 72.81 |
| July |  |  | (0.92) | 0.58 | 72.47 |
| August |  |  | (0.92) | 0.58 | 72.14 |
| September |  |  | (0.92) | 0.57 | 71.79 |
| October |  |  | (0.92) | 0.57 | 71.45 |
| November |  |  | (0.92) | 0.57 | 71.10 |
| December |  |  | (0.92) | 0.56 | 70.75 |
| January | 2002 |  | (0.92) | 0.56 | 70.39 |
| February |  |  | (0.92) | 0.56 | 70.03 |
| March |  |  | (0.92) | 0.56 | 69.68 |
| April |  |  | (0.92) | 0.55 | 69.31 |
| May |  |  | (0.92) | 0.55 | 68.95 |
| June |  |  | (0.92) | 0.55 | 68.58 |
| July |  |  | (0.92) | 0.54 | 68.21 |
| August |  |  | (0.92) | 0.54 | 67.83 |
| September |  |  | (0.92) | 0.54 | 67.46 |
| October |  |  | (0.92) | 0.54 | 67.08 |
| November |  |  | (0.92) | 0.53 | 66.70 |
| December |  |  | (0.92) | 0.53 | 66.31 |
| January | 2003 |  | (0.92) | 0.53 | 65.92 |
| February |  |  | (0.92) | 0.52 | 65.53 |
| March |  |  | (0.92) | 0.52 | 65.13 |
| April |  |  | (0.92) | 0.52 | 64.74 |
| May |  |  | (0.92) | 0.51 | 64.33 |
| June |  |  | (0.92) | 0.51 | 63.93 |
| July |  |  | (0.92) | 0.51 | 63.52 |
| August |  |  | (0.92) | 0.50 | 63.11 |
| September |  |  | (0.92) | 0.50 | 62.69 |

## Collect Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (0.92) | 0.50 | 62.28 |
| November |  |  | (0.92) | 0.49 | 61.85 |
| December |  |  | (0.92) | 0.49 | 61.43 |
| January | 2004 |  | (0.92) | 0.49 | 61.00 |
| February |  |  | (0.92) | 0.48 | 60.56 |
| March |  |  | (0.92) | 0.48 | 60.13 |
| April |  |  | (0.92) | 0.48 | 59.69 |
| May |  |  | (0.92) | 0.47 | 59.25 |
| June |  |  | (0.92) | 0.47 | 58.80 |
| July |  |  | (0.92) | 0.47 | 58.36 |
| August |  |  | (0.92) | 0.46 | 57.90 |
| September |  |  | (0.92) | 0.46 | 57.45 |
| October |  |  | (0.92) | 0.46 | 56.99 |
| November |  |  | (0.92) | 0.45 | 56.53 |
| December |  |  | (0.92) | 0.45 | 56.06 |
| January | 2005 |  | (0.92) | 0.44 | 55.58 |
| February |  |  | (0.92) | 0.44 | 55.11 |
| March |  |  | (0.92) | 0.44 | 54.63 |
| April |  |  | (0.92) | 0.43 | 54.15 |
| May |  |  | (0.92) | 0.43 | 53.66 |
| June |  |  | (0.92) | 0.43 | 53.18 |
| July |  |  | (0.92) | 0.42 | 52.68 |
| August |  |  | (0.92) | 0.42 | 52.19 |
| September |  |  | (0.92) | 0.41 | 51.68 |
| October |  |  | (0.92) | 0.41 | 51.18 |
| November |  |  | (0.92) | 0.41 | 50.67 |
| December |  |  | (0.92) | 0.40 | 50.16 |
| January | 2006 |  | (0.92) | 0.40 | 49.64 |
| February |  |  | (0.92) | 0.39 | 49.11 |
| March |  |  | (0.92) | 0.39 | 48.59 |
| April |  |  | (0.92) | 0.38 | 48.05 |
| May |  |  | (0.92) | 0.38 | 47.52 |
| June |  |  | (0.92) | 0.38 | 46.98 |
| July |  |  | (0.92) | 0.37 | 46.44 |
| August |  |  | (0.92) | 0.37 | 45.89 |
| September |  |  | (0.92) | 0.36 | 45.34 |
| October |  |  | (0.92) | 0.36 | 44.78 |
| November |  |  | (0.92) | 0.35 | 44.22 |
| December |  |  | (0.92) | 0.35 | 43.65 |
| January | 2007 |  | (0.92) | 0.35 | 43.09 |
| February |  |  | (0.92) | 0.34 | 42.51 |
| March |  |  | (0.92) | 0.34 | 41.93 |
| April |  |  | (0.92) | 0.33 | 41.35 |
| May |  |  | (0.92) | 0.33 | 40.76 |
| June |  |  | (0.92) | 0.32 | 40.17 |
| July |  |  | (0.92) | 0.32 | 39.57 |
| August |  |  | (0.92) | 0.31 | 38.97 |
| September |  |  | (0.92) | 0.31 | 38.36 |
| October |  |  | (0.92) | 0.30 | 37.75 |
| November |  |  | (0.92) | 0.30 | 37.13 |
| December |  |  | (0.92) | 0.29 | 36.51 |
| January | 2008 |  | (0.92) | 0.29 | 35.88 |

## Collect Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization $\begin{gathered}\text { Interest on } \\ \text { Avg. Balance }\end{gathered}$ |  | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| February |  |  | (0.92) | 0.28 | 35.24 |
| March |  |  | (0.92) | 0.28 | 34.61 |
| April |  |  | (0.92) | 0.27 | 33.96 |
| May |  |  | (0.92) | 0.27 | 33.32 |
| June |  |  | (0.92) | 0.26 | 32.66 |
| July |  |  | (0.92) | 0.26 | 32.01 |
| August |  |  | (0.92) | 0.25 | 31.34 |
| September |  |  | (0.92) | 0.25 | 30.68 |
| October |  |  | (0.92) | 0.24 | 30.00 |
| November |  |  | (0.92) | 0.24 | 29.33 |
| December |  |  | (0.92) | 0.23 | 28.64 |
| January | 2009 |  | (0.92) | 0.23 | 27.96 |
| February |  |  | (0.92) | 0.22 | 27.26 |
| March |  |  | (0.92) | 0.21 | 26.55 |
| April |  |  | (0.92) | 0.21 | 25.85 |
| May |  |  | (0.92) | 0.20 | 25.13 |
| June |  |  | (0.92) | 0.20 | 24.42 |
| July |  |  | (0.92) | 0.19 | 23.69 |
| August |  |  | (0.92) | 0.19 | 22.97 |
| September |  |  | (0.92) | 0.18 | 22.23 |
| October |  |  | (0.92) | 0.17 | 21.49 |
| November |  |  | (0.92) | 0.17 | 20.74 |
| December |  |  | (0.92) | 0.16 | 19.99 |
| January | 2010 |  | (0.92) | 0.16 | 19.23 |
| February |  |  | (0.92) | 0.15 | 18.47 |
| March |  |  | (0.92) | 0.14 | 17.69 |
| April |  |  | (0.92) | 0.14 | 16.91 |
| May |  |  | (0.92) | 0.13 | 16.13 |
| June |  |  | (0.92) | 0.13 | 15.34 |
| July |  |  | (0.92) | 0.12 | 14.55 |
| August |  |  | (0.92) | 0.11 | 13.74 |
| September |  |  | (0.92) | 0.11 | 12.94 |
| October |  |  | (0.92) | 0.10 | 12.12 |
| November |  |  | (0.92) | 0.09 | 11.30 |
| December |  |  | (0.92) | 0.09 | 10.47 |
| January | 2011 |  | (0.92) | 0.08 | 9.64 |
| February |  |  | (0.92) | 0.07 | 8.79 |
| March |  |  | (0.92) | 0.07 | 7.94 |
| April |  |  | (0.92) | 0.06 | 7.09 |
| May |  |  | (0.92) | 0.05 | 6.22 |
| June |  |  | (0.92) | 0.05 | 5.36 |
| July |  |  | (0.92) | 0.04 | 4.48 |
| August |  |  | (0.92) | 0.03 | 3.60 |
| September |  |  | (0.92) | 0.03 | 2.71 |
| October |  |  | (0.92) | 0.02 | 1.82 |
| November |  |  | (0.92) | 0.01 | 0.91 |
| December |  |  | (0.92) | - | (0.00) |
|  |  | 92.18 | (184.00) | 91.81 | (0.00) |

## Collect Reg Assets over 17 years

Trojan Balance at UE-88 authorized level (plus partial restoration, net of Boardman credit)
Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 Amounts | 92.18 | (8.24) | 6.09 | 90.03 |
|  | 1996 Amounts | - | (10.98) | 8.49 | (2.49) |
|  | 1997 Amounts | - | (10.98) | 8.24 | (2.74) |
|  | 1998 Amounts | - | (10.98) | 7.95 | (3.03) |
|  | 1999 Amounts | - | (10.98) | 7.67 | (3.31) |
|  | 2000 Amounts | - | (10.98) | 7.32 | (3.66) |
|  | 2001 Amounts | - | (10.98) | 6.95 | (4.03) |
|  | 2002 Amounts | - | (10.98) | 6.55 | (4.43) |
|  | 2003 Amounts | - | (10.98) | 6.10 | (4.88) |
|  | 2004 Amounts | - | (10.98) | 5.62 | (5.36) |
|  | 2005 Amounts | - | (10.98) | 5.08 | (5.90) |
|  | 2006 Amounts | - | (10.98) | 4.48 | (6.50) |
|  | 2007 Amounts | - | (10.98) | 3.84 | (7.14) |
|  | 2008 Amounts | - | (10.98) | 3.12 | (7.86) |
|  | 2009 Amounts | - | (10.98) | 2.33 | (8.65) |
|  | 2010 Amounts | - | (10.98) | 1.47 | (9.51) |
|  | 2011 Amounts | - | (10.98) | 0.51 | (10.47) |
|  | Totals | 92.18 | (184.00) | 91.81 | (0.00) |
|  |  |  |  |  | (0.00) |

Total
Payments

Trojan Revenue Requirement
Dollars in 000s

|  | (9 Mos) |  |  |  | (9 Mos) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{1 9 9 5}$ | $\mathbf{1 9 9 6}$ | $\mathbf{1 9 9 7}$ | $\mathbf{1 9 9 8}$ | $\mathbf{1 9 9 9}$ | $\mathbf{2 0 0 0}$ | Total |
| Return On | $25,229.73$ | $28,321.18$ | $25,789.47$ | $23,730.17$ | $21,135.53$ | $14,304.17$ | $138,510.26$ |
| Return Of | $39,139.29$ | $25,562.92$ | $23,697.17$ | $22,560.93$ | $26,519.19$ | $22,197.13$ | $159,676.63$ |
|  | Total | $64,369.02$ | $53,884.11$ | $49,486.64$ | $46,291.10$ | $47,654.72$ | $36,501.30$ |
| $298,186.89$ |  |  |  |  |  |  |  |

Description: Collect Trojan classified as plant-in-service over 17 year with no return on, adjust Net Benefits Test for SG, and lost PV of no "return on". Reduce Trojan balance with the entirety of the Boardman gain.
Collect SAVE,AMAX, Trojan Replacement Power Costs over 3 years through March 1998.

Trojan Balance @4/1/1995
Boardman Gain Balance @ 4/1/1995
Adjustment to Net Benefit Test
New Trojan Balance @ 4/1/1995
259.96
(111.15)
26.83
175.64

Reg Asset Balances @ 4/1/1995 (Items offset by Boardman Gain):
Trojan Pwr Cost Deferrals 48.46 All per Order 95-2116
AMAX
SAVE
Total
15.84
27.88
92.18 3-Yr Collection

## AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 150 BP ROE Increase

 3-Year Amortization Period
## Dollars in Millions



Description: Collect Trojan classified as plant-in-service over 1 year with no return on, adjust Net Benefits Test for SG, and lost PV of no "return on". Reduce Trojan balance with the entirety of the Boardman gain.
Add UE-88 Power Cost Deferral to achieve intergenerational equity.
Collect Power Cost Deferral, SAVE,AMAX, Trojan Replacement Power Costs over 10 years through March 2005.

| Trojan Balance @4/1/1995 | 340.16 | Reg Asset Balances @ 4/1/199 | offs | y Boardman Gain): |
| :---: | :---: | :---: | :---: | :---: |
| Plant Classified as In-Service | (80.20) | Trojan Pwr Cost Deferrals | 48.46 | All per Order 95-2116 |
| Boardman Gain Balance @ 4/1/1995 | (111.15) | AMAX | 15.84 |  |
| Adjustment to Net Benefit Test | 26.83 | SAVE | 27.88 |  |
| New Trojan Balance @ 4/1/1995 | 175.64 | Total | 92.18 | 10-Yr Collection |
| UE 88 Power Costs - 1st year | 309.30 | UE-88 Power Cost Forecast | 309.30 | Avg per Order 95-322 |
|  |  | New Reg Asset - Power Costs | 137.78 | 10-Yr Collection |
|  |  | 1st Yr Collection of Power Costs | 171.52 |  |
|  |  | Total Reg Assets @ 4/1/1995 | 229.96 |  |

## Deferred Power Cost and Reg Asset Collection, Includes 25 BP ROE Increase 10-Year Amortization Period <br> Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 103.66 | (2.90) | 0.40 | 101.16 |
| May |  | 11.48 | (2.90) | 0.85 | 110.60 |
| June |  | 11.48 | (2.90) | 0.92 | 120.10 |
| July |  | 11.48 | (2.90) | 1.00 | 129.68 |
| August |  | 11.48 | (2.90) | 1.07 | 139.33 |
| September |  | 11.48 | (2.90) | 1.15 | 149.06 |
| October |  | 11.48 | (2.90) | 1.23 | 158.87 |
| November |  | 11.48 | (2.90) | 1.31 | 168.76 |
| December |  | 11.48 | (2.90) | 1.39 | 178.73 |
| January | 1996 | 11.48 | (2.90) | 1.48 | 188.79 |
| February |  | 11.48 | (2.90) | 1.56 | 198.93 |
| March |  | 11.48 | (2.90) | 1.65 | 209.17 |
| April |  |  | (2.90) | 1.68 | 207.95 |
| May |  |  | (2.90) | 1.67 | 206.71 |
| June |  |  | (2.90) | 1.66 | 205.47 |
| July |  |  | (2.90) | 1.65 | 204.22 |
| August |  |  | (2.90) | 1.64 | 202.96 |
| September |  |  | (2.90) | 1.63 | 201.69 |
| October |  |  | (2.90) | 1.62 | 200.41 |
| November |  |  | (2.90) | 1.61 | 199.12 |
| December |  |  | (2.90) | 1.60 | 197.82 |
| January | 1997 |  | (2.90) | 1.59 | 196.51 |
| February |  |  | (2.90) | 1.58 | 195.19 |
| March |  |  | (2.90) | 1.57 | 193.86 |
| April |  |  | (2.90) | 1.56 | 192.52 |
| May |  |  | (2.90) | 1.55 | 191.17 |
| June |  |  | (2.90) | 1.54 | 189.81 |
| July |  |  | (2.90) | 1.52 | 188.43 |
| August |  |  | (2.90) | 1.51 | 187.04 |
| September |  |  | (2.90) | 1.50 | 185.64 |
| October |  |  | (2.90) | 1.49 | 184.23 |
| November |  |  | (2.90) | 1.48 | 182.81 |
| December |  |  | (2.90) | 1.47 | 181.37 |
| January | 1998 |  | (2.90) | 1.46 | 179.93 |
| February |  |  | (2.90) | 1.44 | 178.47 |
| March |  |  | (2.90) | 1.43 | 177.00 |
| April |  |  | (2.90) | 1.42 | 175.52 |
| May |  |  | (2.90) | 1.41 | 174.03 |
| June |  |  | (2.90) | 1.40 | 172.53 |
| July |  |  | (2.90) | 1.38 | 171.01 |
| August |  |  | (2.90) | 1.37 | 169.48 |
| September |  |  | (2.90) | 1.36 | 167.94 |
| October |  |  | (2.90) | 1.35 | 166.39 |
| November |  |  | (2.90) | 1.34 | 164.83 |
| December |  |  | (2.90) | 1.32 | 163.25 |
| January | 1999 |  | (2.90) | 1.31 | 161.66 |
| February |  |  | (2.90) | 1.30 | 160.06 |
| March |  |  | (2.90) | 1.28 | 158.44 |
| April |  |  | (2.90) | 1.27 | 156.81 |
| May |  |  | (2.90) | 1.26 | 155.17 |

## Deferred Power Cost and Reg Asset Collection, Includes 25 BP ROE Increase 10-Year Amortization Period <br> Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (2.90) | 1.24 | 153.51 |
| July |  |  | (2.90) | 1.23 | 151.84 |
| August |  |  | (2.90) | 1.22 | 150.15 |
| September |  |  | (2.90) | 1.20 | 148.45 |
| October |  |  | (2.90) | 1.19 | 146.74 |
| November |  |  | (2.90) | 1.18 | 145.02 |
| December |  |  | (2.90) | 1.16 | 143.28 |
| January | 2000 |  | (2.90) | 1.15 | 141.53 |
| February |  |  | (2.90) | 1.13 | 139.76 |
| March |  |  | (2.90) | 1.12 | 137.98 |
| April |  |  | (2.90) | 1.11 | 136.19 |
| May |  |  | (2.90) | 1.09 | 134.38 |
| June |  |  | (2.90) | 1.08 | 132.56 |
| July |  |  | (2.90) | 1.06 | 130.72 |
| August |  |  | (2.90) | 1.05 | 128.87 |
| September |  |  | (2.90) | 1.03 | 127.00 |
| October |  |  | (2.90) | 1.02 | 125.12 |
| November |  |  | (2.90) | 1.00 | 123.22 |
| December |  |  | (2.90) | 0.99 | 121.31 |
| January | 2001 |  | (2.90) | 0.97 | 119.38 |
| February |  |  | (2.90) | 0.95 | 117.43 |
| March |  |  | (2.90) | 0.94 | 115.46 |
| April |  |  | (2.90) | 0.92 | 113.48 |
| May |  |  | (2.90) | 0.91 | 111.49 |
| June |  |  | (2.90) | 0.89 | 109.48 |
| July |  |  | (2.90) | 0.87 | 107.45 |
| August |  |  | (2.90) | 0.86 | 105.41 |
| September |  |  | (2.90) | 0.84 | 103.35 |
| October |  |  | (2.90) | 0.82 | 101.27 |
| November |  |  | (2.90) | 0.81 | 99.18 |
| December |  |  | (2.90) | 0.79 | 97.07 |
| January | 2002 |  | (2.90) | 0.77 | 94.94 |
| February |  |  | (2.90) | 0.76 | 92.80 |
| March |  |  | (2.90) | 0.74 | 90.64 |
| April |  |  | (2.90) | 0.72 | 88.46 |
| May |  |  | (2.90) | 0.70 | 86.26 |
| June |  |  | (2.90) | 0.69 | 84.05 |
| July |  |  | (2.90) | 0.67 | 81.82 |
| August |  |  | (2.90) | 0.65 | 79.57 |
| September |  |  | (2.90) | 0.63 | 77.30 |
| October |  |  | (2.90) | 0.61 | 75.00 |
| November |  |  | (2.90) | 0.60 | 72.70 |
| December |  |  | (2.90) | 0.58 | 70.38 |
| January | 2003 |  | (2.90) | 0.56 | 68.04 |
| February |  |  | (2.90) | 0.54 | 65.68 |
| March |  |  | (2.90) | 0.52 | 63.30 |
| April |  |  | (2.90) | 0.50 | 60.90 |
| May |  |  | (2.90) | 0.48 | 58.48 |
| June |  |  | (2.90) | 0.46 | 56.04 |
| July |  |  | (2.90) | 0.44 | 53.58 |
| August |  |  | (2.90) | 0.42 | 51.10 |
| September |  |  | (2.90) | 0.40 | 48.60 |

## Deferred Power Cost and Reg Asset Collection, Includes 25 BP ROE Increase

 10-Year Amortization Period
## Dollars in Millions



Total
Payments
(191.434)

## Deferred Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period <br> Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 11.48 | (1.71) | 0.04 | 9.81 |
| May |  | 11.48 | (1.71) | 0.12 | 19.71 |
| June |  | 11.48 | (1.71) | 0.20 | 29.68 |
| July |  | 11.48 | (1.71) | 0.28 | 39.74 |
| August |  | 11.48 | (1.71) | 0.36 | 49.87 |
| September |  | 11.48 | (1.71) | 0.44 | 60.08 |
| October |  | 11.48 | (1.71) | 0.52 | 70.38 |
| November |  | 11.48 | (1.71) | 0.60 | 80.75 |
| December |  | 11.48 | (1.71) | 0.69 | 91.22 |
| January | 1996 | 11.48 | (1.71) | 0.78 | 101.77 |
| February |  | 11.48 | (1.71) | 0.86 | 112.41 |
| March |  | 11.48 | (1.71) | 0.95 | 123.13 |
| April |  |  | (1.71) | 0.99 | 122.41 |
| May |  |  | (1.71) | 0.98 | 121.69 |
| June |  |  | (1.71) | 0.98 | 120.96 |
| July |  |  | (1.71) | 0.97 | 120.22 |
| August |  |  | (1.71) | 0.97 | 119.48 |
| September |  |  | (1.71) | 0.96 | 118.74 |
| October |  |  | (1.71) | 0.95 | 117.98 |
| November |  |  | (1.71) | 0.95 | 117.22 |
| December |  |  | (1.71) | 0.94 | 116.45 |
| January | 1997 |  | (1.71) | 0.94 | 115.69 |
| February |  |  | (1.71) | 0.93 | 114.91 |
| March |  |  | (1.71) | 0.92 | 114.12 |
| April |  |  | (1.71) | 0.92 | 113.33 |
| May |  |  | (1.71) | 0.91 | 112.54 |
| June |  |  | (1.71) | 0.90 | 111.73 |
| July |  |  | (1.71) | 0.90 | 110.92 |
| August |  |  | (1.71) | 0.89 | 110.10 |
| September |  |  | (1.71) | 0.88 | 109.28 |
| October |  |  | (1.71) | 0.88 | 108.45 |
| November |  |  | (1.71) | 0.87 | 107.61 |
| December |  |  | (1.71) | 0.86 | 106.76 |
| January | 1998 |  | (1.71) | 0.86 | 105.92 |
| February |  |  | (1.71) | 0.85 | 105.06 |
| March |  |  | (1.71) | 0.84 | 104.19 |
| April |  |  | (1.71) | 0.84 | 103.32 |
| May |  |  | (1.71) | 0.83 | 102.45 |
| June |  |  | (1.71) | 0.82 | 101.56 |
| July |  |  | (1.71) | 0.82 | 100.67 |
| August |  |  | (1.71) | 0.81 | 99.78 |
| September |  |  | (1.71) | 0.80 | 98.87 |
| October |  |  | (1.71) | 0.79 | 97.95 |
| November |  |  | (1.71) | 0.79 | 97.03 |
| December |  |  | (1.71) | 0.78 | 96.11 |
| January | 1999 |  | (1.71) | 0.77 | 95.17 |
| February |  |  | (1.71) | 0.76 | 94.22 |
| March |  |  | (1.71) | 0.76 | 93.27 |
| April |  |  | (1.71) | 0.75 | 92.32 |
| May |  |  | (1.71) | 0.74 | 91.35 |

## Deferred Power Cost Collection, Includes 25 BP ROE Increase

 10-Year Amortization Period
## Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (1.71) | 0.73 | 90.37 |
| July |  |  | (1.71) | 0.72 | 89.38 |
| August |  |  | (1.71) | 0.72 | 88.40 |
| September |  |  | (1.71) | 0.71 | 87.40 |
| October |  |  | (1.71) | 0.70 | 86.39 |
| November |  |  | (1.71) | 0.69 | 85.37 |
| December |  |  | (1.71) | 0.68 | 84.35 |
| January | 2000 |  | (1.71) | 0.68 | 83.32 |
| February |  |  | (1.71) | 0.67 | 82.28 |
| March |  |  | (1.71) | 0.66 | 81.23 |
| April |  |  | (1.71) | 0.65 | 80.18 |
| May |  |  | (1.71) | 0.64 | 79.11 |
| June |  |  | (1.71) | 0.63 | 78.03 |
| July |  |  | (1.71) | 0.62 | 76.94 |
| August |  |  | (1.71) | 0.62 | 75.86 |
| September |  |  | (1.71) | 0.61 | 74.76 |
| October |  |  | (1.71) | 0.60 | 73.65 |
| November |  |  | (1.71) | 0.59 | 72.54 |
| December |  |  | (1.71) | 0.58 | 71.41 |
| January | 2001 |  | (1.71) | 0.57 | 70.27 |
| February |  |  | (1.71) | 0.56 | 69.12 |
| March |  |  | (1.71) | 0.55 | 67.97 |
| April |  |  | (1.71) | 0.54 | 66.80 |
| May |  |  | (1.71) | 0.53 | 65.62 |
| June |  |  | (1.71) | 0.52 | 64.43 |
| July |  |  | (1.71) | 0.51 | 63.24 |
| August |  |  | (1.71) | 0.50 | 62.03 |
| September |  |  | (1.71) | 0.50 | 60.82 |
| October |  |  | (1.71) | 0.49 | 59.60 |
| November |  |  | (1.71) | 0.48 | 58.38 |
| December |  |  | (1.71) | 0.47 | 57.14 |
| January | 2002 |  | (1.71) | 0.46 | 55.89 |
| February |  |  | (1.71) | 0.45 | 54.63 |
| March |  |  | (1.71) | 0.44 | 53.37 |
| April |  |  | (1.71) | 0.43 | 52.09 |
| May |  |  | (1.71) | 0.41 | 50.79 |
| June |  |  | (1.71) | 0.40 | 49.48 |
| July |  |  | (1.71) | 0.39 | 48.17 |
| August |  |  | (1.71) | 0.38 | 46.84 |
| September |  |  | (1.71) | 0.37 | 45.50 |
| October |  |  | (1.71) | 0.36 | 44.15 |
| November |  |  | (1.71) | 0.35 | 42.80 |
| December |  |  | (1.71) | 0.34 | 41.43 |
| January | 2003 |  | (1.71) | 0.33 | 40.05 |
| February |  |  | (1.71) | 0.32 | 38.67 |
| March |  |  | (1.71) | 0.31 | 37.27 |
| April |  |  | (1.71) | 0.29 | 35.85 |
| May |  |  | (1.71) | 0.28 | 34.42 |
| June |  |  | (1.71) | 0.27 | 32.99 |
| July |  |  | (1.71) | 0.26 | 31.54 |
| August |  |  | (1.71) | 0.25 | 30.08 |
| September |  |  | (1.71) | 0.24 | 28.61 |

## Deferred Power Cost Collection, Includes 25 BP ROE Increase

## 10-Year Amortization Period

Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (1.71) | 0.22 | 27.13 |
| November |  |  | (1.71) | 0.21 | 25.63 |
| December |  |  | (1.71) | 0.20 | 24.12 |
| January | 2004 |  | (1.71) | 0.19 | 22.60 |
| February |  |  | (1.71) | 0.18 | 21.08 |
| March |  |  | (1.71) | 0.16 | 19.53 |
| April |  |  | (1.71) | 0.15 | 17.97 |
| May |  |  | (1.71) | 0.14 | 16.40 |
| June |  |  | (1.71) | 0.13 | 14.83 |
| July |  |  | (1.71) | 0.11 | 13.23 |
| August |  |  | (1.71) | 0.10 | 11.62 |
| September |  |  | (1.71) | 0.09 | 10.00 |
| October |  |  | (1.71) | 0.07 | 8.37 |
| November |  |  | (1.71) | 0.06 | 6.72 |
| December |  |  | (1.71) | 0.05 | 5.06 |
| January | 2005 |  | (1.71) | 0.03 | 3.38 |
| February |  |  | (1.71) | 0.02 | 1.70 |
| March |  |  | (1.71) | 0.01 | 0.00 |
|  | Totals | 137.78 | (204.89) | 67.11 | 0.00 |
|  | 1995 Amounts | 103.33 | (15.37) | 3.25 | 91.22 |
|  | 1996 Amounts | 34.44 | (20.49) | 11.28 | 25.24 |
|  | 1997 Amounts | - | (20.49) | 10.80 | (9.69) |
|  | 1998 Amounts | - | (20.49) | 9.83 | (10.66) |
|  | 1999 Amounts | - | (20.49) | 8.73 | (11.76) |
|  | 2000 Amounts | - | (20.49) | 7.55 | (12.94) |
|  | 2001 Amounts | - | (20.49) | 6.22 | (14.27) |
|  | 2002 Amounts | - | (20.49) | 4.78 | (15.71) |
|  | 2003 Amounts | - | (20.49) | 3.18 | (17.31) |
|  | 2004 Amounts | - | (20.49) | 1.43 | (19.06) |
|  | 2005 Amounts | - | (5.12) | 0.06 | (5.06) |
|  | Totals | 137.78 | (204.89) | 67.11 | - |
|  |  |  |  |  | 0.00 |

Total
Payments
(112.689)

## AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 92.18 | (1.19) | 0.36 | 91.35 |
| May |  |  | (1.19) | 0.73 | 90.89 |
| June |  |  | (1.19) | 0.72 | 90.41 |
| July |  |  | (1.19) | 0.72 | 89.94 |
| August |  |  | (1.19) | 0.72 | 89.47 |
| September |  |  | (1.19) | 0.71 | 88.99 |
| October |  |  | (1.19) | 0.71 | 88.50 |
| November |  |  | (1.19) | 0.70 | 88.01 |
| December |  |  | (1.19) | 0.70 | 87.52 |
| January | 1996 |  | (1.19) | 0.70 | 87.02 |
| February |  |  | (1.19) | 0.70 | 86.53 |
| March |  |  | (1.19) | 0.70 | 86.04 |
| April |  |  | (1.19) | 0.69 | 85.53 |
| May |  |  | (1.19) | 0.69 | 85.03 |
| June |  |  | (1.19) | 0.68 | 84.52 |
| July |  |  | (1.19) | 0.68 | 84.01 |
| August |  |  | (1.19) | 0.68 | 83.49 |
| September |  |  | (1.19) | 0.67 | 82.97 |
| October |  |  | (1.19) | 0.67 | 82.45 |
| November |  |  | (1.19) | 0.66 | 81.91 |
| December |  |  | (1.19) | 0.66 | 81.38 |
| January | 1997 |  | (1.19) | 0.65 | 80.84 |
| February |  |  | (1.19) | 0.65 | 80.29 |
| March |  |  | (1.19) | 0.65 | 79.75 |
| April |  |  | (1.19) | 0.64 | 79.20 |
| May |  |  | (1.19) | 0.64 | 78.65 |
| June |  |  | (1.19) | 0.63 | 78.08 |
| July |  |  | (1.19) | 0.63 | 77.52 |
| August |  |  | (1.19) | 0.62 | 76.95 |
| September |  |  | (1.19) | 0.62 | 76.37 |
| October |  |  | (1.19) | 0.61 | 75.79 |
| November |  |  | (1.19) | 0.61 | 75.21 |
| December |  |  | (1.19) | 0.60 | 74.62 |
| January | 1998 |  | (1.19) | 0.60 | 74.02 |
| February |  |  | (1.19) | 0.59 | 73.42 |
| March |  |  | (1.19) | 0.59 | 72.82 |
| April |  |  | (1.19) | 0.58 | 72.20 |
| May |  |  | (1.19) | 0.58 | 71.59 |
| June |  |  | (1.19) | 0.57 | 70.97 |
| July |  |  | (1.19) | 0.57 | 70.34 |
| August |  |  | (1.19) | 0.56 | 69.71 |
| September |  |  | (1.19) | 0.56 | 69.08 |
| October |  |  | (1.19) | 0.55 | 68.44 |
| November |  |  | (1.19) | 0.55 | 67.79 |
| December |  |  | (1.19) | 0.54 | 67.14 |
| January | 1999 |  | (1.19) | 0.54 | 66.49 |
| February |  |  | (1.19) | 0.53 | 65.82 |
| March |  |  | (1.19) | 0.53 | 65.16 |
| April |  |  | (1.19) | 0.52 | 64.49 |
| May |  |  | (1.19) | 0.52 | 63.81 |

## AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  |  | (1.19) | 0.51 | 63.13 |
| July |  |  | (1.19) | 0.51 | 62.45 |
| August |  |  | (1.19) | 0.50 | 61.76 |
| September |  |  | (1.19) | 0.50 | 61.06 |
| October |  |  | (1.19) | 0.49 | 60.36 |
| November |  |  | (1.19) | 0.48 | 59.65 |
| December |  |  | (1.19) | 0.48 | 58.93 |
| January | 2000 |  | (1.19) | 0.47 | 58.21 |
| February |  |  | (1.19) | 0.47 | 57.49 |
| March |  |  | (1.19) | 0.46 | 56.75 |
| April |  |  | (1.19) | 0.45 | 56.01 |
| May |  |  | (1.19) | 0.45 | 55.27 |
| June |  |  | (1.19) | 0.44 | 54.52 |
| July |  |  | (1.19) | 0.44 | 53.76 |
| August |  |  | (1.19) | 0.43 | 53.00 |
| September |  |  | (1.19) | 0.42 | 52.23 |
| October |  |  | (1.19) | 0.42 | 51.45 |
| November |  |  | (1.19) | 0.41 | 50.67 |
| December |  |  | (1.19) | 0.41 | 49.89 |
| January | 2001 |  | (1.19) | 0.40 | 49.10 |
| February |  |  | (1.19) | 0.39 | 48.29 |
| March |  |  | (1.19) | 0.39 | 47.49 |
| April |  |  | (1.19) | 0.38 | 46.68 |
| May |  |  | (1.19) | 0.37 | 45.85 |
| June |  |  | (1.19) | 0.37 | 45.03 |
| July |  |  | (1.19) | 0.36 | 44.20 |
| August |  |  | (1.19) | 0.35 | 43.35 |
| September |  |  | (1.19) | 0.35 | 42.51 |
| October |  |  | (1.19) | 0.34 | 41.66 |
| November |  |  | (1.19) | 0.33 | 40.80 |
| December |  |  | (1.19) | 0.33 | 39.93 |
| January | 2002 |  | (1.19) | 0.32 | 39.06 |
| February |  |  | (1.19) | 0.31 | 38.18 |
| March |  |  | (1.19) | 0.30 | 37.28 |
| April |  |  | (1.19) | 0.30 | 36.39 |
| May |  |  | (1.19) | 0.29 | 35.49 |
| June |  |  | (1.19) | 0.28 | 34.57 |
| July |  |  | (1.19) | 0.28 | 33.66 |
| August |  |  | (1.19) | 0.27 | 32.74 |
| September |  |  | (1.19) | 0.26 | 31.81 |
| October |  |  | (1.19) | 0.25 | 30.86 |
| November |  |  | (1.19) | 0.25 | 29.92 |
| December |  |  | (1.19) | 0.24 | 28.97 |
| January | 2003 |  | (1.19) | 0.23 | 28.00 |
| February |  |  | (1.19) | 0.22 | 27.03 |
| March |  |  | (1.19) | 0.21 | 26.05 |
| April |  |  | (1.19) | 0.21 | 25.07 |
| May |  |  | (1.19) | 0.20 | 24.07 |
| June |  |  | (1.19) | 0.19 | 23.07 |
| July |  |  | (1.19) | 0.18 | 22.06 |
| August |  |  | (1.19) | 0.17 | 21.03 |
| September |  |  | (1.19) | 0.17 | 20.01 |

## AMAX,SAVE,Trojan Replacement Power Cost Collection, Includes 25 BP ROE Increase 10-Year Amortization Period Dollars in Millions

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October |  |  | (1.19) | 0.16 | 18.98 |
| November |  |  | (1.19) | 0.15 | 17.93 |
| December |  |  | (1.19) | 0.14 | 16.88 |
| January | 2004 |  | (1.19) | 0.13 | 15.82 |
| February |  |  | (1.19) | 0.12 | 14.75 |
| March |  |  | (1.19) | 0.11 | 13.66 |
| April |  |  | (1.19) | 0.11 | 12.58 |
| May |  |  | (1.19) | 0.10 | 11.49 |
| June |  |  | (1.19) | 0.09 | 10.38 |
| July |  |  | (1.19) | 0.08 | 9.27 |
| August |  |  | (1.19) | 0.07 | 8.15 |
| September |  |  | (1.19) | 0.06 | 7.01 |
| October |  |  | (1.19) | 0.05 | 5.87 |
| November |  |  | (1.19) | 0.04 | 4.72 |
| December |  |  | (1.19) | 0.03 | 3.56 |
| January | 2005 |  | (1.19) | 0.02 | 2.38 |
| February |  |  | (1.19) | 0.01 | 1.20 |
| March |  |  | (1.19) | - | 0.01 |
|  | Totals | 92.18 | (143.16) | 50.98 | 0.01 |
|  | 1995 Amounts | 92.18 | (10.74) | 6.07 | 87.52 |
|  | 1996 Amounts | - | (14.32) | 8.18 | (6.14) |
|  | 1997 Amounts | - | (14.32) | 7.55 | (6.77) |
|  | 1998 Amounts | - | (14.32) | 6.84 | (7.48) |
|  | 1999 Amounts | - | (14.32) | 6.11 | (8.21) |
|  | 2000 Amounts | - | (14.32) | 5.27 | (9.05) |
|  | 2001 Amounts | - | (14.32) | 4.36 | (9.96) |
|  | 2002 Amounts | - | (14.32) | 3.35 | (10.97) |
|  | 2003 Amounts | - | (14.32) | 2.23 | (12.09) |
|  | 2004 Amounts | - | (14.32) | 0.99 | (13.33) |
|  | 2005 Amounts | - | (3.58) | 0.03 | (3.55) |
|  | Totals | 92.18 | $\underline{(143.16)}$ | 50.98 | 0.01 |

Total
Payments (78.736)

Effect of Changing ROE on Revenue Requirement
Based on Rate Base Balances Per UE-88 and UE-93
Dollars in \$000s

| 1995 Test-Year Ratebase: | $1,623,440.00$ |
| :--- | ---: |
| Trojan Portion: | $240,137.00$ |
| 1995 Test-Year Ratebase Net of Trojan: | $1,383,303.00$ |
|  |  |
| Net to Gross Factor: | 1.69436 |
| Equity Percentage: | $45.44 \%$ |
|  |  |
| Effect of One-Percent Increase in ROE: | $10,650.29$ |
| Effect of 25 BP Change in ROE | $2,662.57$ |
| Effect of 150 BP Change in ROE | $15,975.43$ |


| 1996 Test-Year Ratebase: | $1,657,947.00$ |
| :--- | ---: |
| Trojan Portion: | $224,839.00$ |
| 1996 Test-Year Ratebase Net of Trojan: | $1,433,108.00$ |
|  |  |
| Net to Gross Factor: | 1.69436 |
| Equity Percentage: | $46.47 \%$ |
|  |  |
| Effect of One-Percent Increase in ROE: | $11,283.85$ |
| Effect of 25 BP Change in ROE | $2,820.96$ |
| Effect of 150 BP Change in ROE | $16,925.77$ |

UE 93 Test-Year Ratebase
Trojan Portion:
UE 93 Test-Year Ratebase Net of Trojan:
224,839.00
1,597,750.00
1.69436
46.47\%

12,580.19
3,145.05
18,870.28

## Effect of Changing ROE on Revenue Requirement <br> Based on Rate Base Balances Per UE-88 and UE-93 (Includes Trojan classified as plant-in-service)

Dollars in \$000s

1995 Test-Year Ratebase:
Trojan Portion:
1995 Test-Year Ratebase Net of Trojan:
Net to Gross Factor
Equity Percentage:
Effect of One-Percent Increase in ROE: Effect of 25 BP Change in ROE Effect of 150 BP Change in ROE

| B4 Class | After Class |
| ---: | ---: |
| $1,623,440.00$ | $1,623,440.00$ |
| $240,137.00$ | $183,519.90$ |
| $1,383,303.00$ | $1,439,920.10$ |
|  |  |
| 1.69436 | 1.69436 |
| $45.44 \%$ | $45.44 \%$ |
|  |  |
| $10,650.29$ | $11,086.19$ |
|  | $2,771.55$ |
|  | $16,629.29$ |


|  | B4 Class | After Class |  |
| :--- | ---: | ---: | ---: |
| 1996 Test-Year Ratebase: | $1,657,947.00$ | $1,657,947.00$ |  |
| Trojan Portion: | $224,839.00$ |  | $171,828.71$ |
| 1996 Test-Year Ratebase Net of Trojan: | $1,433,108.00$ |  | $1,486,118.29$ |
|  |  |  |  |
| Net to Gross Factor: | 1.69436 | 1.69436 |  |
| Equity Percentage: | $46.47 \%$ | $46.47 \%$ |  |
|  |  |  |  |
| Effect of One-Percent Increase in ROE: | $11,283.85$ | $11,701.24$ |  |
| Effect of 25 BP Change in ROE |  | $2,925.31$ |  |
| Effect of 150 BP Change in ROE |  | $17,551.85$ |  |


|  | B4 Class | After Class |
| :--- | ---: | ---: |
| UE 93 Test-Year Ratebase: | $1,822,589.00$ | $1,822,589.00$ |
| Trojan Portion: | $224,899.00$ | $171,828.71$ |
| UE 93 Test-Year Ratebase Net of Trojan: | $1,597,750.00$ | $1,650,760.29$ |
|  |  |  |
| Net to Gross Factor: | 1.69436 | 1.69436 |
| Equity Percentage: | $46.47 \%$ | $46.47 \%$ |
| Effect of One-Percent Increase in ROE: | $12,580.19$ | $12,997.58$ |
| Effect of 25 BP Change in ROE |  | $3,249.39$ |
| Effect of 150 BP Change in ROE |  | $19,496.36$ |

## Calculation of Interest on Revenue Requirement Differential

1 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 820.51 | - | 3.29 | 823.80 |
| May |  | 820.51 | - | 9.89 | 1,654.19 |
| June |  | 820.51 | - | 16.55 | 2,491.25 |
| July |  | 820.51 | - | 23.26 | 3,335.02 |
| August |  | 820.51 | - | 30.03 | 4,185.56 |
| September |  | 820.51 | - | 36.85 | 5,042.91 |
| October |  | 820.51 | - | 43.72 | 5,907.14 |
| November |  | 973.33 | - | 51.27 | 6,931.74 |
| December |  | 2,348.77 | - | 64.99 | 9,345.50 |
| January | 1996 | 2,348.77 | - | 85.16 | 11,779.44 |
| February |  | 2,348.77 | - | 104.86 | 14,233.07 |
| March |  | 2,348.77 | - | 124.72 | 16,706.56 |
| April |  | (260.49) | - | 134.18 | 16,580.24 |
| May |  | (260.49) | - | 133.16 | 16,452.91 |
| June |  | (260.49) | - | 132.13 | 16,324.55 |
| July |  | (260.49) | - | 131.09 | 16,195.14 |
| August |  | (260.49) | - | 130.04 | 16,064.69 |
| September |  | (260.49) | - | 128.99 | 15,933.18 |
| October |  | (260.49) | - | 127.92 | 15,800.61 |
| November |  | (260.49) | - | 126.85 | 15,666.97 |
| December |  | 107.19 | - | 127.25 | 15,901.41 |
| January | 1997 | 107.19 | - | 129.15 | 16,137.76 |
| February |  | 107.19 | - | 131.07 | 16,376.02 |
| March |  | 107.19 | - | 132.99 | 16,616.20 |
| April |  | 107.19 | - | 134.94 | 16,858.34 |
| May |  | 107.19 | - | 136.90 | 17,102.43 |
| June |  | 107.19 | - | 138.87 | 17,348.50 |
| July |  | 107.19 | - | 140.87 | 17,596.56 |
| August |  | 107.19 | - | 142.87 | 17,846.63 |
| September |  | 107.19 | - | 144.90 | 18,098.72 |
| October |  | 107.19 | - | 146.94 | 18,352.86 |
| November |  | 107.19 | - | 149.00 | 18,609.05 |
| December |  | 107.19 | - | 151.07 | 18,867.32 |
| January | 1998 | 107.19 | - | 153.16 | 19,127.67 |
| February |  | 107.19 | - | 155.27 | 19,390.13 |
| March |  | 107.19 | - | 157.39 | 19,654.72 |
| April |  | 107.19 | - | 159.53 | 19,921.44 |
| May |  | 107.19 | - | 161.69 | 20,190.33 |
| June |  | 107.19 | - | 163.87 | 20,461.39 |
| July |  | 107.19 | - | 166.06 | 20,734.65 |
| August |  | 107.19 | - | 168.28 | 21,010.12 |
| September |  | 107.19 | - | 170.51 | 21,287.83 |
| October |  | 107.19 | - | 172.75 | 21,567.77 |
| November |  | 107.19 | - | 175.02 | 21,849.98 |
| December |  | 107.19 | - | 177.31 | 22,134.49 |
| January | 1999 | 107.19 | - | 179.61 | 22,421.29 |
| February |  | 107.19 | - | 181.93 | 22,710.42 |
| March |  | 107.19 | - | 184.27 | 23,001.88 |
| April |  | 107.19 | - | 186.63 | 23,295.71 |
| May |  | 107.19 | - | 189.01 | 23,591.91 |

## Calculation of Interest on Revenue Requirement Differential

 1 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  | 107.19 | - | 191.41 | 23,890.52 |
| July |  | 107.19 | - | 193.82 | 24,191.53 |
| August |  | 107.19 | - | 196.26 | 24,494.98 |
| September |  | 107.19 | - | 198.72 | 24,800.90 |
| October |  | 107.19 | - | 201.19 | 25,109.28 |
| November |  | 107.19 | - | 203.69 | 25,420.17 |
| December |  | 107.19 | - | 206.20 | 25,733.56 |
| January | 2000 | 107.19 | - | 208.74 | 26,049.50 |
| February |  | 107.19 | - | 211.30 | 26,367.99 |
| March |  | 107.19 | - | 213.88 | 26,689.07 |
| April |  | 107.19 | - | 216.48 | 27,012.74 |
| May |  | 107.19 | - | 219.10 | 27,339.04 |
| June |  | 107.19 | - | 221.74 | 27,667.97 |
| July |  | 107.19 | - | 224.40 | 27,999.56 |
| August |  | 107.19 | - | 227.08 | 28,333.84 |
| September |  | 107.19 | - | 229.79 | 28,670.82 |
|  | Totals | 18,958.96 | - | 9,711.86 | 28,670.82 |
|  | 1995 Amounts | 9,065.65 | - | 279.85 | 9,345.50 |
|  | 1996 Amounts | 5,069.56 | - | 1,486.35 | 6,555.91 |
|  | 1997 Amounts | 1,286.33 | - | 1,679.57 | 2,965.90 |
|  | 1998 Amounts | 1,286.33 | - | 1,980.84 | 3,267.17 |
|  | 1999 Amounts | 1,286.33 |  | 2,312.74 | 3,599.07 |
|  | 2000 Amounts | 964.75 | - | 1,972.51 | 2,937.26 |
|  | Totals | 18,958.96 | - | 9,711.86 | 28,670.82 |
|  |  |  |  |  | 28,670.82 |

## Calculation of Interest on Revenue Requirement Differential

17 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1995 | 7.93 | - | 0.03 | 7.96 |
| May |  | 7.93 | - | 0.10 | 16.00 |
| June |  | 7.93 | - | 0.17 | 24.10 |
| July |  | 7.93 | - | 0.24 | 32.28 |
| August |  | 7.93 | - | 0.31 | 40.52 |
| September |  | 7.93 | - | 0.38 | 48.84 |
| October |  | 7.93 | - | 0.45 | 57.22 |
| November |  | 180.67 | - | 1.25 | 239.15 |
| December |  | 1,735.30 | - | 9.40 | 1,983.85 |
| January | 1996 | 1,735.30 | - | 24.46 | 3,743.61 |
| February |  | 1,735.30 | - | 39.56 | 5,518.47 |
| March |  | 1,735.30 | - | 54.79 | 7,308.56 |
| April |  | 2,281.06 | - | 72.48 | 9,662.10 |
| May |  | 2,281.06 | - | 92.67 | 12,035.84 |
| June |  | 2,281.06 | - | 113.04 | 14,429.94 |
| July |  | 2,281.06 | - | 133.58 | 16,844.58 |
| August |  | 2,281.06 | - | 154.29 | 19,279.94 |
| September |  | 2,281.06 | - | 175.18 | 21,736.18 |
| October |  | 2,281.06 | - | 196.26 | 24,213.51 |
| November |  | 2,281.06 | - | 217.51 | 26,712.08 |
| December |  | 718.44 | - | 232.24 | 27,662.76 |
| January | 1997 | 718.44 | - | 240.40 | 28,621.61 |
| February |  | 718.44 | - | 248.62 | 29,588.67 |
| March |  | 718.44 | - | 256.92 | 30,564.04 |
| April |  | 718.44 | - | 265.29 | 31,547.77 |
| May |  | 718.44 | - | 273.73 | 32,539.95 |
| June |  | 718.44 | - | 282.24 | 33,540.63 |
| July |  | 718.44 | - | 290.82 | 34,549.90 |
| August |  | 718.44 | - | 299.48 | 35,567.82 |
| September |  | 718.44 | - | 308.21 | 36,594.47 |
| October |  | 718.44 | - | 317.02 | 37,629.94 |
| November |  | 718.44 | - | 325.90 | 38,674.28 |
| December |  | 718.44 | - | 334.86 | 39,727.59 |
| January | 1998 | 718.44 | - | 343.90 | 40,789.93 |
| February |  | 718.44 | - | 353.01 | 41,861.39 |
| March |  | 718.44 | - | 362.20 | 42,942.03 |
| April |  | 718.44 | - | 371.48 | 44,031.96 |
| May |  | 718.44 | - | 380.83 | 45,131.23 |
| June |  | 718.44 | - | 390.26 | 46,239.93 |
| July |  | 718.44 | - | 399.77 | 47,358.15 |
| August |  | 718.44 | - | 409.36 | 48,485.95 |
| September |  | 718.44 | - | 419.04 | 49,623.44 |
| October |  | 718.44 | - | 428.79 | 50,770.67 |
| November |  | 718.44 | - | 438.64 | 51,927.76 |
| December |  | 718.44 | - | 448.56 | 53,094.76 |
| January | 1999 | 718.44 | - | 458.57 | 54,271.78 |
| February |  | 718.44 | - | 468.67 | 55,458.89 |
| March |  | 718.44 | - | 478.86 | 56,656.20 |
| April |  | 718.44 | - | 489.13 | 57,863.77 |
| May |  | 718.44 | - | 499.49 | 59,081.70 |

## Calculation of Interest on Revenue Requirement Differential

17 Year Trojan Collection (with other changes) versus Authorized Revenue Requirements Dollars in \$000s

| Month |  | Accrual | Amortization | Interest on Avg. Balance | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June |  | 718.44 | - | 509.94 | 60,310.09 |
| July |  | 718.44 | - | 520.47 | 61,549.00 |
| August |  | 718.44 | - | 531.10 | 62,798.55 |
| September |  | 718.44 | - | 541.82 | 64,058.81 |
| October |  | 718.44 | - | 552.63 | 65,329.89 |
| November |  | 718.44 | - | 563.54 | 66,611.87 |
| December |  | 718.44 | - | 574.54 | 67,904.86 |
| January | 2000 | 718.44 | - | 585.63 | 69,208.93 |
| February |  | 718.44 | - | 596.82 | 70,524.20 |
| March |  | 718.44 | - | 608.10 | 71,850.74 |
| April |  | 718.44 | - | 619.48 | 73,188.66 |
| May |  | 718.44 | - | 630.96 | 74,538.07 |
| June |  | 718.44 | - | 642.53 | 75,899.04 |
| July |  | 718.44 | - | 654.21 | 77,271.70 |
| August |  | 718.44 | - | 665.98 | 78,656.12 |
| September |  | 718.44 | - | 677.86 | 80,052.43 |
|  | Totals | 58,474.38 | - | 21,578.05 | 80,052.43 |
|  | 1995 Amounts | 1,971.52 | - | 12.33 | 1,983.85 |
|  | 1996 Amounts | 24,172.86 | - | 1,506.06 | 25,678.92 |
|  | 1997 Amounts | 8,621.33 | - | 3,443.49 | 12,064.82 |
|  | 1998 Amounts | 8,621.33 | - | 4,745.84 | 13,367.17 |
|  | 1999 Amounts | 8,621.33 | - | 6,188.76 | 14,810.09 |
|  | 2000 Amounts | 6,466.00 | - | 5,681.57 | 12,147.57 |
|  | Totals | 58,474.38 | - | 21,578.05 | 80,052.43 |
|  |  |  |  |  | 80,052.43 |

## Summary of Net Benefit Test Result (UE-88, Order 95-322)

Dollars in Millions
1 Higher Cost of Continued Operation over 1996 phase-out ..... 110.0
2 Higher Cost of 1996 phase-out over immediate shutdown ..... 78.0
3 Net Benefit of Closing Trojan per PGE 1992 IRP and Update ..... 188.0
Staff Proposed Adjustments to Net Benefit Test (See UE-88, Staff/105, Sparling/13)
Adjustments for Allowable Costs:
4 Steam Generator Replacement Costs ..... -183.1
545 MW Capacity Increase ..... 2.2
6 Fixed O\&M Costs @ $102.25 \mathrm{MM} / \mathrm{yr}$ (\$92) escalated @ 1.5\% ..... -482.7
7 Capacity Factor @ 69.6\% ..... $-318.4$
8 Subtotal - Staff Proposed Adjustments for Allowable Costs
8 Subtotal - Staff Proposed Adjustments for Allowable Costs ..... 982.0 ..... 982.0
Adjustments to Update with Current Information:
9 Transition Costs ..... 78.7
10 Short-run Replacement Power Costs ..... 115.7
11 Gas Prices ..... 356.8
12 Capital Costs of gas-fired resources ..... 202.1
13 Subtotal - Staff Proposed Updates for Current Information ..... 753.3
14 Adjustments for 1995-2011 Study Period ..... 12.5
15 Total Net Benefit (\$92) ..... -28.3
16 PGE Share @ 67.5\% (\$92) ..... -19.1
17 PGE Share @ 67.5\% (\$95) - Staff Net Benefit Result ..... -23.6
Commission Adjustments to Staff Result (Order 95-322, pg. 52)
18 Janaury 1995-June 1996 uprate to 45 MW ..... -6.1
19 Increase Capactity Factor by .65 percent ..... -20.5
20 Decrease imputed Fixed O\&M by $\$ 5.8$ million ..... -51.8
21 Update to Nuclear Fuel Assumptions ..... 25.7
22 Update to Staff's Carrying Costs ..... 68.9
23 Update to Capital Costs of Replacement Resources ..... -16.0
24 Adjustment for Interaction
25 Total Commission Adjustments to Staff Net Benefit Test ..... 3.0
26 Commission Approved Net Benefit Result ..... -20.4

Net Benefit Test Results for Scenarios
Dollars in millions

|  | Scenario 1 | Description |
| :---: | :---: | :---: |
| Original After-Tax Net Benefit (UE-88) | (20.40) | Recover Trojan over 1 year with no "return on" Adjust net benefit test accordingly. |
| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) |  |
| Lost PV - Trojan over 1 Year with no "Return on" | 23.11 |  |
| Adjusted Net Benefit Test Result | (3.72) |  |
| Therefore, partial restoration of UE-88 net benefit test write-off. | 23.11 | Partial Restoration of UE-88 Net Benefit Write-off |
|  | Scenario 2 | Description |
| Original After-Tax Net Benefit (UE-88) | (20.40) | Recover Trojan over 1 year with no "return on" Add back recovery of steam generator under continued ops |
| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) | Classify 80 MM of Trojan as Plant in Service |
| Lost PV - Net Trojan over 1 Year with no "Return on" | 10.12 | Reduce Remaining Trojan Balance by Boardman Credit |
| Recover Steam Generator in closure scenario | 183.10 |  |
| Adjusted Net Benefit Result | 166.40 |  |
| Therefore, full restoration of UE-88 net benefit test write-off | 26.83 | Restoration of UE-88 Net Benefit Write-off |
|  | Scenario 3 | Description |
| Original After-Tax Net Benefit (UE-88) | (20.40) | Recover Trojan over 17 years with no "return on" Add back recovery of steam generator under continued ops |
| Pre-Tax Equivalent Based on PGE Writeoff | (26.83) | Classify 80 MM of Trojan as Plant in Service |
| Lost PV - Net Trojan over 1 Year with no "Return on" | 99.39 | Reduce Remaining Trojan Balance by Boardman Credit |
| Recover Steam Generator in closure scenario | 183.10 | Share 20\% of Net Benefit Test Savings |
| Adjusted Net Benefit Result | 255.66 |  |
| Therefore, full restoration of UE-88 net benefit test write-off and $20 \%$ Share of Savings (\$256 MM) | $\begin{aligned} & 26.83 \\ & 51.13 \end{aligned}$ | Restoration of UE-88 Net Benefit Write-off PGE Share of Savings at 20\% |

## Other Net-Benefit Test Results

## Support for Various Figures in Lesh Testimony

Pre-Tax Equivalent Based on PGE Writeoff
Economic Value of No Return On Trojan Over 17 Years
Adjusted Net Benefit Result

Pre-Tax Equivalent Based on PGE Writeoff
Recover Steam Generator in closure scenario
Lost PV - Trojan over 1 Year with no "Return on" Adjusted Net Benefit Result
155.19

Restoration of UE-88 Net Benefit Write-off NPV of Return Foregone Over 17 Year Period
(26.83) Restoration of UE-88 Net Benefit Write-off
183.10 Share 20\% of Net Benefit Test Savings
23.11 Partial Restoration of UE-88 Net Benefit Write-off

Pre-Tax Equivalent Based on PGE Writeoff
Economic Value of No Return On Trojan Over 17 Years
Recover Steam Generator in closure scenario
Adjusted Net Benefit Result
182.02
183.10

## Return Forgone Under One-Year Recovery



Rev. Req. Mode
Inputs in yellow
Figures Based on UE-88-1995 Test Year (Order 95-322)

|  | At Current Rates | Additional Rev for 11.6\% ROE | Proposed | 45,250.70 | $(1,911)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 Sales to Consumers | 886,103 | 47,162 | 933,265 | 47,162.14 |  |
| 2 Sales for Resale | - |  | - | 49,073.67 | 1,912 |
| 3 Other Revenues | 10,795 |  | 10,795 |  |  |
| 4 Total Operating Revenues | 896,898 | 47,162 | 944,060 | Rate Base w/Trojan |  |
|  |  |  |  | RB | 1,622,560 |
| 5 Net Variable Power Costs | 306,799 |  | 306,799 | COE | 19.16\% |
| 6 Fixed Power Costs | 71,532 |  | 71,532 | COD | 7.710\% |
| 7 Other O\&M | 134,640 | 1,193 | 135,833 | Cap Change | 1\% |
| 8 Total Operating \& Maintenance | 512,971 | 1,193 | 514,164 | Rev Req | 1,857 |
| 9 Depreciation/Amort | 146,882 |  | 146,882 | Approx Rate Base w/o Trojan |  |
| 10 Taxes Other Than Income | 48,579 |  | 48,579 |  | 1,372,560 Trojan about \$250 MM |
| 11 Utility Income Tax | 61,958 | 18,121 | 80,079 | COE | 19.16\% |
| 12 Total Operating Expenses \& Taxes | 770,390 | 19,314 | 789,704 | COD | 7.710\% |
| 13 Utility Operating Income | 126,508 | 27,848 | 154,356 | Cap Change | 1\% |
|  |  |  |  | Rev Req | 1,571 |
| 14 Average Rate Base |  |  |  |  |  |
| 15 Rate Base | 1,585,834 |  | 1,585,834 | 10\% Change in Cap Structure (9 months): |  |
| 16 Working Cash | 36,726 | 879 | 37,605 | Pre-Tax | 11,784 |
| 17 Average Rate Base | 1,622,560 | 879 | 1,623,439 | After Tax | 7,070 |
| 18 Rate of Return | 7.80\% |  | 9.51\% |  |  |
| 19 Implied Return on Equity | 7.83\% |  | 11.60\% |  |  |
| 20 Effective Cost of Debt | 7.710\% | 7.710\% | 7.710\% |  |  |
| 21 Effective Cost of Preferred | 8.270\% | 8.270\% | 8.270\% |  |  |
| 22 Debt Share of Cap Structure | 49.14\% | 49.14\% | 49.14\% |  |  |
| 23 Preferred Share of Cap Structure | 5.42\% | 5.42\% | 5.42\% |  |  |
| 24 Weighted Cost of Debt | 3.789\% | 3.789\% | 3.789\% |  |  |
| 25 Weighted Cost of Preferred | 0.448\% | 0.448\% | 0.448\% |  |  |
| 26 Equity Share of Cap Structure | 45.44\% | 45.44\% | 45.44\% |  |  |
| 27 State Tax Rate | 6.672\% | 6.672\% | 6.672\% |  |  |
| 28 Federal Tax Rate | 35.120\% | 35.120\% | 35.120\% |  |  |
| 29 Composite Tax Rate | 39.449\% | 39.449\% | 39.449\% |  |  |
| 30 Bad Debt/FF/OPUC Rate | 2.530\% | 2.530\% | 2.530\% |  |  |
| 31 Working Cash Factor | 4.550\% | 4.550\% | 4.550\% |  |  |
| 32 Gross-Up Factor | 1.651 | 1.651 | 1.651 |  |  |
| 33 ROE Target | 11.60\% | 11.60\% | 11.600\% |  |  |
| 34 Grossed-Up COC | 13.23\% | 13.23\% | 13.23\% |  |  |
| Utility Income Taxes |  |  |  |  |  |
| 30 Book Revenues | 896,898 | 47,162 | 944,060 |  |  |
| 31 Book Expenses | 672,077 | 1,193 | 673,270 |  |  |
| 32 Interest Deduction | 61,474 | 33 | 61,507 |  |  |
| 33 Deferred Ms | $(28,219)$ | - | $(28,219)$ |  |  |
| 34 Book Taxable Income | 191,566 | 45,936 | 237,502 |  |  |
| 35 State Taxes | 12,781 | 3,065 | 15,846 |  |  |
| 36 State Tax Credits | (166) | - | (166) |  |  |
| 37 Net State Taxes | 12,615 | 3,065 | 15,680 |  |  |
| 38 Federal Taxable Income | 178,951 | 42,871 | 221,822 |  |  |
| 39 Federal Taxes | 62,848 | 15,056 | 77,904 |  |  |
| 40 ITC Amort | $(1,985)$ | - | $(1,985)$ |  |  |
| 41 Deferred Taxes | $(11,520)$ | - | $(11,520)$ |  |  |
| 42 Total Income Tax Expense | 61,958 | 18,121 | 80,079 |  |  |



|  | As of September 30, 2000 |  |  |
| :---: | :---: | :---: | :---: |
| FERC <br> Account | Description | Debit | Credit |
| $\begin{aligned} & 229 \\ & 186 \end{aligned}$ | (7) |  |  |
|  | Accum Provision for Rate Refunds (USDOE Spent Nuc Fuel Credit) | 2,524,342.44 |  |
|  | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 2,524,342.44 |
|  | To clear balance sheet accounts for USDOE Spent Nuc Fuel Credit |  |  |
| $\begin{aligned} & 186 \\ & 190 \end{aligned}$ | (8) |  |  |
|  | Deferred Charges (Balance Sheet Simplification Clearing Account) | 999,385.00 |  |
|  | Deferred Tax Assets (USDOE Spent Nuc Fuel Credit) |  | 999,385.00 |
|  | To clear balance sheet accounts for deferred taxes related to |  |  |
|  | USDOE Spent Nuc Fuel Credit |  |  |
|  | (9) |  |  |
| 254 | Other Regulatory Liabilities (SCE Settlement) | 71,800,079.03 |  |
| 254 | Other Regulatory Liabilities (Merger obligation) |  |  |
| 254 | Other Regulatory Liabilities (CRPUD Sale) | 3,969,188.50 |  |
| 229 | Accum Provision for Rate Refunds (Employee Transfer Credit) | 1,116,855.59 |  |
| 254 | Other Regulatory Liabilities (Deferred Litigation) | 4,598,859.05 |  |
| 229 | Accum Provision for Rate Refunds (EPRI Credit) | 2,617,925.73 |  |
| 254 | Other Regulatory Liabilities (Burbank Settlement) | 7,383,879.15 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 91,486,787.05 |
|  | To clear balance sheet accounts for Regulatory Liabilities and Provision for refund |  |  |
|  | (10) |  |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) | 68,056,212.00 |  |
| 190 | Deferred Tax Asset (Burbank Settlement) |  | 2,923,278.00 |
| 190 | Deferred Tax Asset (SCE Settlement) |  | 28,425,651.00 |
| 190 | Deferred Tax Asset (Merger obligation) |  | 31,836,593.00 |
| 190 | Deferred Tax Asset (CRPUD Sale) |  | 1,571,402.00 |
| 190 | Deferred Tax Asset (Employee Transfer Credit) |  | 442,163.00 |
| 190 | Deferred Tax Asset (Deferred Litigation) |  | 1,820,688.00 |
| 190 | Deferred Tax Asset (EPRI Credit) |  | 1,036,437.00 |
|  | To clear balance sheet accounts for deferred taxes related to Regulatory Liabilities and Provision |  |  |
|  | (11) |  |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) | 2,069,605.44 |  |
| 182.3 | Regulatory Assets (payment to WOEC) |  | 2,069,605.44 |
|  | To clear balance sheet accounts for payment to WOEC |  |  |
|  | (12) |  |  |
| 283 | Deferred Tax Liabilities (payment to WOEC) | 819,357.00 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 819,357.00 |
|  | To clear balance sheet accounts for deferred taxes related to payment to WOEC |  |  |

As of September 30, 2000

| As of September 30, 2000 |  |  |  |
| :---: | :---: | :---: | :---: |
| FERC |  |  |  |
| Account | Description | Debit | Credit |
| (13) |  |  |  |
| 182.3 | Other Regulatory Assets | 47,399,770.00 |  |
| 283 | Deferred Tax Liabilities |  | 18,765,568.00 |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 28,634,202.00 |
|  | To record new regulatory asset per Section 2.1(b) of Settlement Agreement. |  |  |
| (14) |  |  |  |
| 426.5 | Other Deductions | 5,084,425.09 |  |
| 186 | Deferred Charges (Balance Sheet Simplification Clearing Account) |  | 5,084,425.09 |
|  | To record the write off of the net of balance sheet debits and credits for certain regulatory assets and liabilities and related deferred taxes per Settlement Agreement. |  |  |
| (15) |  |  |  |
| 407.3 | Regulatory Debits | 2,500,000.00 |  |
| 254 | Other Regulatory Liabilities |  | 2,500,000.00 |
| To record a regulatory liability per Settlement Agreement |  |  |  |
| (16) |  |  |  |
| 255 | Deferred Investment Tax Credits (Post-ERTA ITC Flow) | 2,204,085.00 |  |
| 420 | Investment Tax Credits (Post-ERTA ITC) |  | 2,204,085.00 |
|  | To reverse remaining Post-ERTA ITC balance |  |  |

## Trojan Settlement Summary

Based on Actual Balances @ 9/30/00
Amounts in Dollars

| Item |  | Gross Book |  | Balance Sheet |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Tax |  | Net |
| 1 | Abandoned Plant Bal. @ 9/30/00 |  |  | \$ | 180,485,809 | \$ | $(43,477,921)$ | \$ | 137,007,888 |
| 2 | FASB 109 | \$ | 28,634,202 | \$ | $(28,634,202)$ | \$ | - |
| 3 | Pre-ERTA ITC Flow | \$ | - | \$ | $(3,349,592)$ | \$ | $(3,349,592)$ |
| 4 | Post-ERTA ITC Flow | \$ | - | \$ | $(2,204,085)$ | \$ | $(2,204,085)$ |
| 5 | Excess Deferred Tax | \$ | - | \$ | $(2,138,227)$ | \$ | $(2,138,227)$ |
| 6 | Net Abandoned Plant | \$ | 209,120,011 | \$ | (79,804,027) | \$ | 129,315,984 |
| 7 | SCE | \$ | $(71,800,079)$ | \$ | 28,425,651 | \$ | $(43,374,428)$ |
| 8 | Merger Benefits | \$ | (80,415,744) | \$ | 31,836,593 | \$ | $(48,579,151)$ |
| 9 | NEIL refund | \$ | - | \$ | - | \$ | - |
| 10 | CRPUD Credit | \$ | $(1,899,583)$ | \$ | 752,045 | \$ | $(1,147,538)$ |
| 11 | Employee Transfer Credit | \$ | $(1,116,856)$ | \$ | 442,163 | \$ | $(674,693)$ |
| 12 | Deferred Litigation Credit | \$ | $(4,598,859)$ | \$ | 1,820,688 | \$ | $(2,778,171)$ |
| 13 | EPRI Credit (New) | \$ | $(2,617,926)$ | \$ | 1,036,437 | \$ | $(1,581,489)$ |
| 14 | USDOE Fuel Credit | \$ | $(2,524,342)$ | \$ | 999,385 | \$ | $(1,524,957)$ |
| 15 | USDOE D\&D Debit | \$ | 10,461,145 | \$ | $(4,141,559)$ | \$ | 6,319,586 |
| 16 | Burbank Credit | \$ | $(7,383,879)$ | \$ | 2,923,278 | \$ | $(4,460,601)$ |
| 17 | Balance Sheet After Off-Sets | \$ | 47,223,888 | \$ | $(15,709,346)$ | \$ | 31,514,542 |
| 18 | Remove Post-ERTA ITC | \$ | - | \$ | 2,204,085 | \$ | 2,204,085 |
| 19 | Balance to Collect (Refund) | \$ | 47,223,888 | \$ | $(13,505,261)$ | \$ | 33,718,627 |
|  | Remaining Balance Collected via: |  |  |  |  |  |  |
| 20 | Collect New Reg Asset - No "Return on" | \$ | 47,399,772 | \$ | $(18,765,570)$ | \$ | 28,634,202 |
| 21 | Residual to Collect (Refund) - Written Off |  |  |  |  | \$ | 5,084,425 |

## FAS 90 Impairment Test (No "return on")

## Starting with Pre UE-88 Writeoff Balance

Trojan Unamortized Balance @ 4/1/1995 (Pre UE-88 Writeoff) FAS 71 Portion FAS 90 Portion


Discount Rate (Incremental Cost of Debt)
8.0\%

| Year | 17-Year Amortization Schedule |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FAS 90 <br> Amortization |  | FAS 71 <br> Amortization |  | Total Amortization |
| 1995 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 1996 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 1997 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 1998 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 1999 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2000 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2001 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2002 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2003 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2004 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2005 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2006 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2007 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2008 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2009 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| 2010 | \$ | 20,314,911 |  | 1,272,765 | \$ | 21,587,676 |
| 2011 | \$ | 20,314,911 | \$ | 1,272,765 | \$ | 21,587,676 |
| Total | \$ | 345,353,483 | \$ | 21,637,002 | \$ | 366,990,485 |
| PV | \$ | 185,305,264 |  |  |  |  |
|  | 1-Year Amortization Schedule |  |  |  |  |  |
|  |  | FAS 90 |  | FAS 71 |  | Total |
| Year |  | Amortization |  | Amortization |  | Amortization |
| 1995 | \$ | 345,353,483 | \$ | 21,637,002 | \$ | 366,990,485 |
| PV | \$ | 319,771,744 |  |  |  |  |

## 17 Year Amortization Period

FAS 90 Write-Off:

| Pre-tax FAS 90 Balance @ 4/1/1995 | $\$ 345,353,483$ |
| :--- | ---: |
| PV of FAS 90 Cash Flows | $\$ 185,305,264$ |
| Pre-tax Write-Off | $\$ 160,048,219$ |
|  |  |
| Unamortized Balances after FAS 90 Write-Off: |  |
| FAS 90 @ 4/1/1995 | $\$ 185,305,264$ |
| FAS 71 @ 4/1/1995 | $\$ 21,637,002$ |
| Total Unamortized balance after Write-Off | $\$ 206,942,266$ |

## 1 Year Amortization Period

FAS 90 Write-Off:
Pre-tax FAS 90 Balance @ 4/1/1995 \$ 345,353,483
PV of FAS 90 Cash Flows
Pre-tax Write-Off $\begin{array}{r}\$ 319,771,744 \\ \hline \$ 25,581,739\end{array}$

Unamortized Balances after FAS 90 Write-Off:
FAS 90 @ 4/1/1995
\$ 319,771,744
FAS 71 @ 4/1/1995
Total Unamortized balance after Write-Off

## FAS 90 Impairment Test (No "return on")

## Starting with Post UE-88 Writeoff Balance



## 1 Year Amortization Period

FAS 90 Write-Off:

| Pre-tax FAS 90 Balance @ 4/1/1995 | $\$ 322,580,427$ |
| :--- | :--- |
| PV of FAS 90 Cash Flows | $\$ 173,085,995$ |
| Pre-tax Write-Off | $\$ 149,494,432$ |

Unamortized Balances after FAS 90 Write-Off:
FAS 90 @ 4/1/1995 \$ 173,085,995
$\begin{array}{ll}\text { FAS } 71 @ 4 / 1 / 1995 & \$ 17,582,008 \\ \text { Total Unamortized balance after Write-Off } & \$ 190,668,003\end{array}$

## 1 Year Amortization Period

FAS 90 Write-Off:
Pre-tax FAS 90 Balance @ 4/1/1995 \$ 322,580,427
PV of FAS 90 Cash Flows
Pre-tax Write-Off

| $\$ 322,580,427$ |
| ---: |
| $\$ 298,685,581$ |
| $\$ 23,894,846$ |

Unamortized Balances after FAS 90 Write-Off:
FAS 90 @ 4/1/1995
\$ 298,685,581
FAS 71 @ 4/1/1995
Total Unamortized balance after Write-Off

| \$ 17,582,008 |
| :--- |
| $\$ 316,267,589$ |

## CERTIFICATE OF SERVICE

I hereby certify that on this day I served PORTLAND GENERAL ELECTRIC COMPANY'S ELECTRONIC SPREADSHEETS, WITH FORMULAS INTACT, USED TO PRODUCE THE RESULTS SHOWN IN PGE/6201 AND PGE/6202 by mailing a copy thereof in a sealed, first-class postage prepaid envelope, addressed to each party listed below and depositing in the U.S. mail at Portland, Oregon.

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DATED this 28th day of July, 2008.

## TONKON TORP LLP

By Decurb
David F. White, OSB No. 01138
Attorneys for Portland General Electric Company


[^0]:    10 Derivation of Balance Owed PGE @ 9/30/2000:
    11
    12
    12
    13
    65,083 Revenue Requirement Differential (Scenario Revenue Requirement Less Trojan Revenue Requirement)
    118,409 Interest on Revenue Requirement Differential
    183,492 Balance Owed PGE @ 9/30/2000

