

Exhibit No.:

Issues: Pension,
Deferred Taxes, &
Cost of Removal

Witness: H. Davis Rooney

Sponsoring Party: Aquila Networks-MPS
& L&P

Case No.: ER-2004-0034 &
HR-2004-0024
(Consolidated)

Before the Public Service Commission
of the State of Missouri

Surrebuttal Testimony

of

H. Davis Rooney

FILED

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Missouri
Service Commission

Exhibit No. 40
Case No(s) ER-2004-0034
Date 2/23/04 Rptr XF

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the matter of Aquila, Inc. d/b/a Aquila)
Networks-MPS and Aquila Networks-L&P,)
for authority to file tariffs increasing electric)
rates for the service provided to customers in)
the Aquila Networks-MPS and Aquila)
Networks-L&P area)

Case No. ER-2004-0034

In the matter of Aquila, Inc. d/b/a Aquila)
Networks-L&P, for authority to file tariffs)
Increasing steam rates for the service provided)
To customers in the Aquila Networks-L&P area)

Case No. HR-2004-0024

County of Jackson)
State of Missouri) ss

AFFIDAVIT OF H. DAVIS ROONEY

H. Davis Rooney, being first duly sworn, deposes and says that he is the witness who sponsors the accompanying testimony entitled "Surrebuttal Testimony of H. Davis Rooney;" that said testimony was prepared by him and under his direction and supervision; that if inquiries were made as to the facts in said testimony and schedules, he would respond as therein set forth; and that the aforesaid testimony and schedules are true and correct to the best of his knowledge, information, and belief.

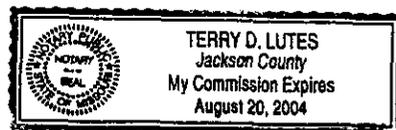
H. Davis Rooney
H. Davis Rooney

Subscribed and sworn to before me this 13th day of February, 2004.

Terry D. Lutes
Notary Public
Terry D. Lutes

My Commission expires:

8-20-2004



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CASE NOS. ER-2004-0034 AND HR-2004-0024
(CONSOLIDATED)**

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**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI
SURREBUTTAL TESTIMONY OF H. DAVIS ROONEY
ON BEHALF OF AQUILA, INC.
D/B/A AQUILA NETWORKS-MPS AND AQUILA NETWORKS-L&P
CASE NOS. ER-2004-0034 AND HR-2004-0024 (CONSOLIDATED)**

1 Q. Please state your name and business address.

2 A. My name is Davis Rooney. My business address is 10750 E. 350 Highway, Raytown,
3 MO 64138.

4 Q. Are you the same Davis Rooney that has previously filed testimony in this case before the
5 Missouri Public Service Commission ("Commission")?

6 A. Yes.

7 Q. What is the purpose of your surrebuttal testimony?

8 A. The purpose of my testimony is to respond to the rebuttal testimony of Commission Staff
9 ("Staff") witnesses as to the ratemaking treatment of pensions, the straight-line tax
10 depreciation deduction, and the ratemaking treatment of net salvage (salvage and cost of
11 removal).

PREPAID PENSION

12
13 Q. What is the purpose of your surrebuttal testimony on this issue?

14 A. This section of my surrebuttal testimony will address the rebuttal testimony of Staff
15 witness Steve M. Traxler regarding the calculation of the prepaid pension asset to be
16 included in Staff's proposed amortization of that asset.

17 Q. Does Staff accurately address Company's position?

18 A. No. Company's position, is foremost, that in prior stipulations the issue of recoverability
19 of prepaid pensions was resolved through negotiation in favor of the Company's position.

1 Staff attempts to characterize the issue based on when the Commission first ordered FAS
2 87, ignoring prior stipulations concerning this issue.

3 Q. What are those prior orders and stipulations?

4 A. As described in my rebuttal testimony, for L&P, it was Case No. ER-94-163. In that case
5 L&P was authorized to both adopt FAS 87 for ratemaking and reverse the regulatory
6 liability it had previously recorded to remove from rate base its prepaid pension balance.
7 For MPS, the case was ER-93-37. That case has a stipulation and agreement that says in
8 part: "Signatories agree that Company's accounts shall reflect pension costs equal to
9 contributions made to its established pension funds, discontinuing its previous practice
10 under FAS 87 effective June 29, 1993." (Case No. ER-93-37, Stipulation and
11 Agreement).

12 Q. Can these agreements be characterized as "accounting" not "ratemaking" agreements?

13 A. No. In L&P's case, the express purpose was to agree that the regulatory liability for
14 pensions would not be used in future ratemaking. In particular the order states "In setting
15 rates in future SJLP electric rate cases, the Commission shall not consider the following
16 items existing on the books of SJLP as of the effective date of the tariff sheets authorized
17 in this case: (i) any regulatory liability balance related to FAS 87,..." (Report and Order,
18 Case No. ER-94-163, Attachment 1). This is clearly a ratemaking agreement. In MPS's
19 case the agreement is authorization to record a regulatory liability beginning with that
20 case. It clearly recognizes that MPS had not recorded a regulatory liability to that date.
21 The agreement did not require a regulatory liability as of that date. Recording a
22 regulatory liability as of that date for the existing FAS 87 balance would have resulted in
23 a "write off". In Case No. ER-93-41, it was Staff witness Steve Traxler's testimony, that

1 SJLP need not write off its prepaid pension balance, noting that in the recent MPS Case
2 No. ER-93-37, there was no write-off suggested. (Case No. ER-93-41, Hearing Transcript
3 dated 4/21/93, page 363, lines 4-13). Clearly, it was not MPS's or Staff's understanding
4 at the time, after the stipulation in MPS Case No. ER-93-37, that there was a difference
5 between the ratemaking and financial balance of prepaid pensions. If there had been a
6 difference between the ratemaking and financial balance of prepaid pensions, it would
7 have required a write off, through the establishment of a regulatory liability. If there had
8 been a difference between the ratemaking and financial balance of prepaid pensions, Staff
9 would not have agreed to the wording regarding prior accounting, and Staff would not
10 have testified in the L&P case that no write off was needed for MPS.

11 Q. Is there a difference between Staff's adjustment and a regulatory liability?

12 A. No. Both Staff's adjustment and a regulatory liability reduce rate base. Both a Staff
13 adjustment and a regulatory liability assert there is a difference between ratemaking and
14 financial reporting prepaid pension. L&P and MPS both negotiated stipulations regarding
15 the recording of regulatory liabilities regarding prepaid pensions.

16 Q. If the Staff's position is upheld, would this result in the re-establishment of the same
17 regulatory liability described in the Stipulation and Agreement in L&P Case No. ER-94-
18 163?

19 A. Yes.

20 Q. Does the Report and Order in L&P Case No. ER-93-41, cited by Staff, support their
21 position?

22 A. No. The Commission noted that FAS 87 had not been adopted by the Commission for
23 L&P and that the prior cases had been stipulated without designating the ratemaking

1 treatment. The Commission then concluded, "The Commission, therefore, is of the
2 opinion that the application of a funding cash contribution **should not result in a write**
3 **off** as advocated by SJLPC." (emphasis added). A write off would have recognized: 1) a
4 difference between ratemaking and financial reporting prepaid pensions; and, 2) that
5 future recovery would be denied. In any event, L&P recorded the write off then
6 negotiated the prepaid pension balance back into ratemaking in their following L&P Case
7 No. ER-94-163.

8 Q. Has Staff considered the Stipulation in L&P Case No. ER-94-163?

9 A. No. Staff was made aware of the stipulation in discovery in Data Request MPSC-0481
10 and again through Data Request MPSC-0523. Staff seeks to have the Commission
11 overturn the stipulation and agreement and the Commission's order approving that
12 stipulation. Given that the parties bargained to what they believed was a fair arrangement
13 at the time, it is unfair now to overturn a portion of that agreement. The same is true for
14 MPS's stipulation and agreement in Case No. ER-93-37. As noted in the L&P ER-93-
15 163 Stipulation and Agreement, "9. This Stipulation and Agreement has resulted from
16 extensive negotiations among the signatories and the terms hereof are interdependent."

17 Q. How does Staff describe ratemaking policy for pensions prior to 1987?

18 A. Staff states it was not GAAP but a contribution method.

19 Q. What was Staff's position on pensions between 1987 and 1993?

20 A. With regard to pensions, Staff has at various times since 1987 proposed that ratemaking
21 for pensions expense be based on Financial Accounting Standard (FAS) 87, ERISA
22 minimum, or no (zero) pension expense. Following is a table of when Staff has taken
23 those positions:

1	Ameren Case No. EC-87-114	Ordered FAS 87
2	L&P Case No. GR-88-115	Direct Position not opposed to FAS 87 Expense
3	MPS Case No. GR-88-194	Direct Position Pension Expense of \$0
4	KPL Case No. GR-90-50	Recommended FAS 87 Expense
5	MPS Case No. ER-90-101	Direct Position FAS 87 Expense
6	MPS Case No. ER-93-37	Direct Position ERISA Minimum
7	SJLP Case No. ER-93-43	Direct Position ERISA Minimum
8		

9 Q. How much of the amount at issue is cash contributions deferred on the balance sheet?

10 A. Included in the \$7,473,024 at issue for MPS, is \$5,246,730 of cash contributions. Almost
11 all of the \$5 million of cash contributions would be deferred on the balance sheet (not
12 included in rates) under all of Staff's positions noted above.

13 Q. Did Staff's direct positions in MPS's gas Case No. GR-88-194 or MPS's electric Case
14 No. ER-90-101 allow any of the test year contributions in rates?

15 A. No. In the gas case, Staff eliminated all pension costs. In the electric case Staff proposed
16 FAS 87 negative expense.

17 Q. Are you aware of any case prior to 1987 ordering contribution rate treatment for MPS?

18 A. No. I reviewed rate orders for MPS back to 1955. I found no order prior to 1987 that
19 authorized or described a deviation from GAAP for pension ratemaking.

20 Q. Is it your understanding that prior to 1987, the accrual pension amounts required to be
21 expensed were determined according to FAS 87's predecessor accounting standard APB
22 8?

23 A. Yes.

24 Q. Is it your understanding that contributions prior to 1987 were determined by funding the
25 APB 8 expense amount?

1 A. Yes. This is disclosed in the Company's annual reports prior to 1987. The footnotes in
2 the MPS annual report state, "The company's policy is to fund current pension costs
3 accrued and prior service costs which are being amortized over 30 years." (Missouri
4 Public Service Company 1984 Annual Report – Note 7 Retirement Plans). Similar
5 statements are in the years I reviewed from 1983 through 1986. This indicates that MPS
6 was funding to the pension plan the accrual (APB 8) expense amount.

7 Q. How does this impact the issue at hand?

8 A. When FAS 87 was introduced and replaced APB 8, Company and Staff disagreed
9 whether pension contributions prior to 1987, that were substantially equal to the expenses
10 required under Generally Accepted Accounting Principles (GAAP), constituted
11 *ratemaking on contributions or ratemaking on GAAP.*

12 Q. In the absence of an order to the contrary, how are Missouri utilities expected to keep
13 their books and records?

14 A. "Regulated utilities are required to follow the standards promulgated by the FASB for
15 financial reporting purposes, unless the utility seeks authorization from its applicable
16 regulatory body to deviate from FASB's Generally Accepted Accounting Principles
17 (GAAP), in which case the authorization must also meet the requirements of FAS 71,
18 Accounting for The Effects of Certain Types of Regulation." (Report and Order on
19 Remand, MPS Case No. ER-93-37).

20 Q. How were these issues resolved?

21 A. Staff implies that the only way the FAS 87 prepaid balance can become a valid asset for
22 ratemaking is to record it after being ordered onto FAS 87 by the Commission. As noted
23 above, L&P negotiated simultaneous with its return to FAS 87 for ratemaking a

1 stipulation that its prepaid pension balance no longer required an offsetting regulatory
2 liability. MPS negotiated recognition of its past practices under FAS 87 and
3 authorization to deviate from FAS 87 in the future. In both cases, a write off of the
4 prepaid pension balance was not required. Given that the parties bargained in good faith
5 at the time, it is unfair now to overturn a portion of those agreements.

6 Q. Staff cites several cases in support of their position, are these cases directly applicable to
7 MPS or L&P?

8 A. No. Staff cites three cases Laclede Gas Company Case Nos. GR-2001-629, GR-2002-
9 356, and The Empire Electric District Company Case No. ER-2002-424 (Traxler
10 Rebuttal, page 11, lines 11-13). These were all stipulations agreeing to adopt the ERISA
11 minimum along with extensive agreements on other issues. These were not litigated
12 cases. It is unclear what give and take each company achieved in its settlement. These
13 cases have little applicability to this case. It is interesting that Staff seeks to apply
14 stipulations from other companies to us, while seeking to undo Company's own
15 stipulations.

16 Q. The cases cited by Staff all adopted the ERISA minimum. Does Company believe the
17 ERISA minimum is adequate?

18 A. No. A range of contribution levels should be allowed. Pension plans are required to
19 contribute at least the minimum.

20 Q. What is Company's position on pensions?

21 A. The key positions are:

- 22 • All of the prepaid pension balance should be included in Staff's amortization
23 calculation, less the regulatory liability on MPS's books for pensions.

- 1 • Staff's proposal results in a write off of \$14.3 million by not allowing recovery of all
2 of the prepaid pension balance, net of the Company's existing regulatory liability.

3 This write off is contrary to the stated positions of Staff and Company at the time the
4 MPS ER-93-37 and L&P ER-94-163 stipulations were agreed to.

- 5 • All of the prepaid pension for L&P and MPS should be considered in rate base, less
6 the existing regulatory liability on MPS's books for pensions.
- 7 • A range of contributions not just the ERISA minimum should be allowed.
- 8 • The ERISA minimum should be adjusted for the impact of contributions in excess of
9 the ERISA minimum, which directly reduce the ERISA minimum calculation, and
10 these contributions in excess of the ERISA minimum should be capitalized as a
11 regulatory asset, deferred until full recovery is allowed including a return from when
12 contributed. To do otherwise would take the benefit of lower ERISA minimums
13 without allowing recovery of the cost incurred which resulted in the lower ERISA
14 minimum calculation.

15 **STRAIGHT-LINE TAX DEPRECIATION DEDUCTION**

16 Q. What is the purpose of your surrebuttal testimony on this issue?

17 A. My surrebuttal testimony on this issue will address the rebuttal testimony of Staff witness
18 Steve M. Traxler regarding Staff's method used to calculate the income tax deduction for
19 depreciation recovered in rates – "straight-line tax" depreciation.

20 **Primary Issue – Prior Flow Through Items**

21 Q. What is Staff's position on the existence of prior flow though items?

1 A. Staff states that "the only material difference between annualized book depreciation
2 recovered in rates and the related tax deduction for book depreciation is the elimination of
3 the asset 'basis difference' which was previously flowed through in rates in prior years."
4 (Traxler Rebuttal, page 11, line 23-page 12, line3).

5 Q. Do you agree with this statement?

6 A. No. Prior orders and prior ratemaking demonstrate that for Aquila Networks-MPS (MPS)
7 there has been more depreciation related tax deductions flowed through in rates in prior
8 years than just the basis differences. Aquila's books and records, as well as common
9 sense, support that these flow through items are significant. Later in my testimony I will
10 present the orders and support for the existence and significance of prior flow through
11 items other than basis differences.

12 Q. Why is the existence of significant prior flow through items other than basis differences
13 the primary issue?

14 A. Much of Staff's rebuttal testimony is based on the premise that there are no other flow
15 through items. Statements based on this premise are incorrect because significant prior
16 flow through items other than basis differences exist. In particular, for years prior to ER-
17 97-394, ratemaking has reflected the use of guideline tax straight-line depreciation and
18 procedures. Secondly, because Staff's method adjusts only for the basis differences, the
19 existence of these other significant prior flow through items makes it inappropriate to
20 follow the method proposed by Staff.

21 Q. What does "tax deductions flowed through" refer to?

1 A. "Tax deductions flowed through" refers to using more tax deduction, in a given year, for
2 ratemaking than the related expense, in that year, recognized in cost of service for
3 ratemaking.

4 Q. Can you give an example?

5 A. Consider the total investment in plant. Book depreciation recognizes the cost of this
6 investment in ratemaking cost of service. Over time, book depreciation will recognize all
7 and only all of the total cost of the plant investment in cost of service. The same is true
8 of the tax depreciation deductions. Over time, the total of all the tax deductions for
9 investment in plant will equal the total of book depreciation, which will equal the total
10 investment. However, tax generally allows the tax deductions to be taken faster. If the
11 tax depreciation deductions are reflected in the current year for ratemaking, the difference
12 between the book and tax depreciation is said to be "flowed through". If ratemaking used
13 the book depreciation for both cost of service and the depreciation tax deduction for
14 ratemaking, then there would be no difference and the expense and its ratemaking tax
15 deduction are said to be "normalized". In the case of plant investment, ratemaking has
16 taken more tax deductions earlier (flow through) and therefore has less total tax deduction
17 remaining.

18 Q. What plant related items have been flowed through?

19 A. Ratemaking has flowed through basis deductions, guideline depreciation, and cost of
20 removal.

21 Q. Which statements by Staff assume there are no prior flow through items other than basis
22 differences?

1 A. The following is a list of statements by Staff that are incorrect because significant other
2 prior flow through items exist:

- 3 • Traxler Rebuttal, page 11, lines 22-23 and page 12, lines 1-3 – “under Staff’s
4 calculation method the only material difference between annualized book
5 depreciation expense recovered in rates and the related tax deduction for book
6 depreciation is the elimination of the asset “basis difference” which was
7 previously flowed through in rates in prior years.” While this statement is an
8 accurate description of what Staff has calculated, Staff does not adjust for all prior
9 flow through items. Because of the existence of other significant prior flow
10 through items, which are not adjusted for in calculation, Staff’s method is not a
11 correct calculation to use.
- 12 • Traxler Rebuttal, page 12, lines 12-14 – The Staff’s method for calculating the
13 straight-line tax depreciation deduction applies the tax basis/book basis ratio times
14 annualized book depreciation in order to avoid taking an additional tax deduction
15 which has been given to ratepayers in years prior to 1986.” Staff adjusts only for
16 basis differences previously flowed through. Because other flow through items
17 exist in prior years, Staff’s method produces an additional (duplicate) tax
18 deduction for these other items. These duplicate tax deductions are not realizable
19 by the Company from the IRS. These duplicate tax deductions are not a real tax
20 benefit to the Company (because the Company cannot get this tax benefit from the
21 IRS). They are fictional amounts.
- 22 • Traxler Rebuttal, page 14, lines 17-22 – “Q. If in fact, the amount of assets retired
23 earlier and later than their book depreciation life generally offset one another, will

1 there be any significant difference between book depreciation and straight-line tax
2 depreciation (other than the basis difference previously discussed)? A. No.”

3 Because straight-line tax depreciation rates were used, not book depreciation
4 rates, the assumption of offsetting retirements cannot be achieved. Because there
5 are other significant flow through items, book and straight-line tax will be
6 different by more than just basis differences.

- 7 • Traxler Rebuttal, page 15, lines 1-5 – “Q. If the amount of assets retired earlier
8 and later than their depreciation life do not offset one another, can a significant
9 difference occur between book depreciation and straight-line tax depreciation
10 when employing the method used by MPS to calculate straight-line tax
11 depreciation? A. Yes.” The existence of prior flow through items, ordered by the
12 Commission, other than basis differences creates the difference, but it is
13 intentionally created by Commission order.
- 14 • Traxler Rebuttal, page 15, lines 7-8 – “Any time that straight-line tax depreciation
15 is stopped prior to retirement is an example of an asset vintage which is outliving
16 its book depreciation life.” Because there are significant prior flow through items
17 such as the use of faster guideline depreciation rates, stopping straight-line tax
18 depreciation when the vintage is fully depreciated is an example of the available
19 tax deductions being exhausted faster for straight-line tax than for book.
- 20 • Traxler Rebuttal, page 16, lines 18-21 – “The additional \$.62 in revenue
21 requirement results from depreciation on plant assets staying in service longer
22 than the estimated life used to compute the book depreciation with **no**
23 corresponding tax deduction for the additional book depreciation beginning in

1 year 11 in the example.” Because there are other significant prior flow through
2 items other than basis differences, the \$0.62 is the result of properly not taking an
3 additional (duplicate) tax deduction which has already been given to ratepayers.
4 Staff properly allows the additional \$0.62 for the basis difference flowed through.
5 Staff should properly allow the additional \$0.62 for the other flow through items.

- 6 • Traxler Rebuttal, page 16, line 22-27 – “Q. What is the Staff recommendation for
7 calculating straight-line tax depreciation so that the inequity described in your last
8 answer can be eliminated? A. The additional revenue requirement resulting from
9 including book depreciation expense in cost of service without a corresponding
10 tax deduction can be eliminated by continuing to calculate straight-line tax
11 depreciation for all assets which are still in service consistent with the calculation
12 of book depreciation”. The “inequity” is that by Commission order the prior
13 ratepayers received lower rates from the benefits of flow through of other
14 significant prior flow through items other than basis differences. Staff’s solution
15 is to take an additional (duplicate) tax deduction for flow through tax deductions
16 which have already previously been given to ratepayers by Commission order.
- 17 • Traxler Rebuttal, page 18, lines 20-21 – “The Staff’s position on the issue simply
18 provides for a “**matching**” tax deduction for this additional recovery of book
19 depreciation expense.” Flow through items are not created by Commission
20 orders to match book depreciation and ratemaking tax depreciation. Flow
21 through items are created by Commission orders intended to more closely match
22 tax depreciation and ratemaking tax depreciation. Because there are significant
23 other prior flow through items, attempting to now “match” book depreciation and

1 ratemaking tax depreciation, without adjusting for the prior flow through items,
2 results in additional (duplicate) depreciation deductions.

3 Q. How does Staff say they treat prior flow through items?

4 A. Staff says its intent is, **“to avoid taking an additional tax deduction which has been**
5 **given to ratepayers in years prior”**. (Traxler Rebuttal, page 12, lines 12-14) emphasis
6 added. While Staff notes the importance of adjusting for prior flow through items, Staff
7 does not adjust for all these items.

8 Q. What is the financial impact of Staff’s method with regard to the basis differences
9 previously flowed through?

10 A. Under Staff’s method the Company is properly allowed to collect \$1,620 for every \$1,000
11 of book depreciation related to basis differences previously flowed through to ratepayers.
12 The reason it is proper is because the benefit of the tax deduction for basis differences
13 was previously provided to ratepayers by being flowed through. Prior ratepayers received
14 \$620 of benefit for every \$1,000 of tax deduction flowed through. The depreciation of
15 these basis differences is included in book depreciation but the ratemaking tax deduction,
16 having been depleted by prior flow through is not available. Therefore, for each \$1,000
17 of basis difference included in book depreciation, current ratepayers pay an additional
18 \$620. This is proper ratemaking since the ratepayers, at the time the basis differences
19 were flowed through, received \$620 of benefit. This same fair treatment should be
20 provided all prior flow though items, not just basis differences.

21 Q. Does Staff’s method, in fact **“avoid taking an additional tax deduction which has been**
22 **given to ratepayers in years prior”** (Traxler Rebuttal, page 12, lines 12-14) for all prior
23 flow through items?

1 A. No. Staff's method avoids taking an addition tax deduction only for basis differences
2 flowed through. For all other flow through items it actually takes, not avoids, an
3 additional tax deduction that has already been given to ratepayers in prior years.

4 Q. What should be the proper treatment for flow through items?

5 A. Just as for basis differences, the prior flow through items should be allowed to flow back
6 (reverse) as originally intended by the Commission. To do otherwise takes an additional
7 (duplicate) tax deduction. Since the Company does not get the same additional tax
8 deduction on its tax return, preventing the flow back confiscates the value of the
9 additional tax deduction from the Company's investors.

10 Q. How can you tell that Staff's method adjusts only for basis differences?

11 A. Staff states that they adjusted only for basis difference when Staff stated, "under Staff's
12 calculation method the only material difference between annualized book depreciation
13 expense recovered in rates and the related tax deduction for book depreciation is the
14 elimination of the asset "basis difference" which was previously flowed through in rates
15 in prior years." (Traxler Rebuttal, page 11 lines 22-23 and page 12, lines 1-3). Staff's
16 method is book depreciation with an adjustment only for the amortization, at the book
17 depreciation rate, of basis differences. The adjustment used by Staff is incorrect because
18 it does not adjust for all prior flow through items. It is important to understand that
19 Staff's method is a **change** in method from the method used prior to ER-97-394. It
20 changes the calculation of straight-line tax from a calculation on a tax basis to a
21 calculation on a book basis. The design of Staff's method will take additional tax
22 deductions for any other flow through items that have already been given to ratepayers in
23 prior years.

1 Q. Can you give an example of a flow through item not considered by Staff?

2 A. Yes. Staff's method does not consider that, for MPS ratemaking, tax straight-line
3 depreciation based on guideline lives on pre-1981 vintage property was flowed through
4 until MPS's Case No. ER-97-394.

5 Q. Can you document that guideline life tax straight-line depreciation was flowed through
6 for ratemaking until ER-97-394?

7 A. Yes. While I will discuss this evidence in greater detail later, the documentation of my
8 review is provided on Surrebuttal Schedule HDR-1. The evidence supports that for MPS
9 ratemaking, tax straight-line depreciation based on guideline lives on all pre-1981 vintage
10 property was flowed through until MPS's Case No. ER-97-394.

11 Q. Is this item significant?

12 A. Common sense indicates that it is. It was an issue in no fewer than four consecutive
13 litigated MPS rate cases in which the Commission repeatedly ordered flow through
14 treatment. This does not seem to indicate that the Company, the Staff, or the
15 Commission considered this item insignificant. Further, in the report and order in MPS
16 Case No. ER-80-118 on page 32, the values of the flow through issues in that case were
17 set out. The guideline depreciation issue for that one case and test year was valued at
18 \$295,430. The basis difference items that Staff does adjust for were valued at \$408,341.
19 On a relative basis, the item is significant. Additionally, whereas the bulk of the basis
20 differences were discontinued in 1986 by a change in the tax law, the guideline
21 depreciation flow through continued for another decade until MPS Case No. ER-97-394.
22 The additional decade increases the prior guideline depreciation flow though while
23 holding constant the amount related to basis difference.

1 Q. Have you quantified the cumulative amount of duplicate tax deductions related to
2 guideline depreciation?

3 A. Yes. We believe that Staff's ratio calculation has provided ratepayers with between \$17
4 million and \$23 million of duplicate tax deductions since MPS Case No. ER-97-394. On
5 Data Request No. 310.1, I provided a calculation of the value of this item.

6 Q. Did you meet with Staff to discuss Data Request 310.1?

7 A. Yes. I met with Staff for the first time regarding taxes on November 25, 2003. I supplied
8 an additional calculation (See Surrebuttal Schedule HDR-2). The additional schedule
9 provided is intended to substantiate, in a more understandable way, that the prior flow
10 through items not considered in Staff's method are significant and material to MPS.

11 Q. What does Surrebuttal Schedule HDR-2 show?

12 A. This schedule is an estimate of the amount by which ratemaking has taken the tax
13 depreciation deduction faster than the expense used for ratemaking book depreciation
14 included in cost of service. Most of MPS's property is grouped into just two tax classes –
15 Steam Generation and T&D (Transmission and Distribution). These two classes include
16 almost all depreciable property except general/common plant accounts (FERC Accounts
17 390-398). The column titled "Surviving Tax Basis," is the amount of tax basis for tax
18 purposes (i.e. reported on the tax return). The column titled "SLT Rate" is the guideline
19 tax straight-line rate used to depreciate these assets for ratemaking purposes until MPS
20 Case No. ER-97-394. The Steam Generation rate of 3.57% corresponds to the straight-
21 line guideline life of 28 years for this tax class. The T&D rate of 3.33% corresponds to
22 the straight-line guideline life of 33 years for this tax class. The columns headed "Book
23 Depreciation Rates" is the weighted average book depreciation rate representative of the

1 years indicated. Finally, the column titled "Flow Thru Depr" is a calculation of the
2 excess depreciation generated by the difference between the SLT Rate and the Book
3 Depreciation Rates. The estimate stops at the earlier of 1997 or when the vintage is fully
4 depreciated for straight-line tax. It does not include the additional amounts that would
5 accrue by continuing to depreciate the assets after they are fully depreciated as
6 recommended under Staff's methodology. This schedule is an estimate of the amount by
7 which ratemaking has taken the tax depreciation deduction faster than the expense used
8 for ratemaking book depreciation included in cost of service.

9 Q. What is the amount of the faster guideline depreciation flow through estimated from the
10 schedule?

11 A. The total for the Surrebuttal Schedule is \$21.3 million. Company believes that this
12 estimate is low because it does not include all tax classes or the impact of important other
13 book/tax procedural differences that are inherent in the guideline straight-line tax
14 calculation. Company believes \$21.3 million to be both significant and material.

15 Q. Having shown that there was significant prior flow through of depreciation in addition to
16 basis differences, does Staff's method "avoid taking an additional tax deduction which
17 has been given to ratepayers in years prior" for all prior flow through items?

18 A. No. Staff's method avoids taking an addition tax deduction only for basis differences
19 flowed through. For all other flow through items it actually takes, not avoids, an
20 additional tax deduction which has already been given to ratepayers in prior years.

21 Data Request No. 310.1

22 Q. How does Staff respond to the calculation found in Data Request 310.1?

1 A. Staff states "This calculation is unrelated to any difference between a straight-line
2 calculation, prior to 1997, which was based upon a "guideline rate" as opposed to a "book
3 depreciation rate" for pre-1981 vintage property." (Traxler Rebuttal, page 18, lines 1-4).

4 Q. Does the Company's response to Data Request 310.1, in fact, relate to prior depreciation
5 flow through, other than basis differences?

6 A. Yes.

7 Q. Please explain.

8 A. See Surrebuttal Schedule HDR-3. Consider a single \$1,000 asset in a single account with
9 a 10-year actual life and a 10% book depreciation rate. For simplicity, assume no
10 book/tax basis difference. For book purposes, the asset will be depreciated at \$100 per
11 year for 10 years and then be retired at the beginning of year 11. At the end of its actual
12 life, \$1,000 of book depreciation will have been recorded. As a result of its retirement,
13 the entire \$1,000 of accumulated depreciation will be removed by charging \$1,000 of
14 original cost to the accumulated depreciation reserve. The key points are total
15 depreciation is \$1,000, equal to original cost, and the accumulated depreciation reserve is
16 \$0, after recording the retirement.

17 The calculation of straight-line tax is shown under the columns headed Straight
18 Line Tax (SLT) on Surrebuttal Schedule HDR-3. Assume that in the first year a faster
19 guideline life were used for ratemaking straight-line tax. Let us assume the faster rate
20 produces \$200 of straight-line tax depreciation in the first year, instead of \$100 used for
21 book depreciation. This is an extra \$100, or a flow through of \$100. Now assume for
22 years 2-10 Staff's method is used. There is no book/tax basis difference so, under Staff's
23 method, straight-line tax equals 100% of book depreciation. At \$100 per year for 9 years,

1 this is \$900 dollars of depreciation, in addition to the first year depreciation of \$2000.

2 The total straight-line tax depreciation is \$1100, \$100 more than the available tax

3 deduction. This is \$100 of duplicate tax deduction taken by Staff's method when a prior

4 flow through exists. When the \$1000 asset is retired, the straight-line tax accumulated

5 depreciation reserve is \$100, because under book procedures, at retirement, original cost

6 is charged to accumulated depreciation. The asset became fully depreciated for straight-

7 line tax in year 9. However, since Staff's method does not adjust for the prior flow

8 through of \$100, Staff's method takes an additional \$100 after the asset was fully

9 depreciated for straight-line tax.

10 Q. What is Staff's response to the way the duplicate tax deduction is calculated?

11 A. Staff states that "Since Mr. Rooney's support for \$17-\$23 million of alleged duplicate tax

12 deductions is limited to an analysis from 1997-2002, the results cannot be related to the

13 use of a "guideline rate" used prior to 1997." (Traxler Rebuttal, page 18, lines 10-12).

14 Q. Is the response to Data Request 310.1 limited to 1997-2002?

15 A. No. The analysis considers vintage accounts fully depreciated for straight-line tax during

16 the years 1997-2002. In order to determine if a vintage was fully depreciated for straight-

17 line tax, prior year straight-line tax depreciation, including those years using guideline

18 tax-straight-line depreciation were considered. Only those vintages using guideline tax-

19 straight-line depreciation prior to 1997 were considered.

20 As previously noted on Surrebuttal Schedule HDR-3, the amount of the additional

21 depreciation taken after the asset was fully depreciated for straight-line tax is equal to the

22 extra \$100 of depreciation flowed through. A guideline rate was not used after the first

23 year, but also no adjustment was made to the subsequent book-based straight-line tax

1 depreciation to make up for the prior extra \$100 taken. Because Staff's method does not
2 adjust for this prior flow through, a duplicate amount of the prior flow through is taken.
3 The duplicate amount taken to date is equal to the amount recorded after the straight-line
4 tax vintage is fully depreciated. It should be noted that this asset became fully
5 depreciated before the end of its book life because of the prior flow through not because
6 the asset outlived its book life.

7 Q. Doesn't Staff have the view that depreciating past zero is necessary to balance early
8 retired assets and late retired assets?

9 A. As can be seen from the example above, there was only one asset and the book
10 depreciation was exactly the right amount for the one asset. The book depreciation
11 balanced itself without the need for other assets. The prior flow through straight-line tax
12 depreciation was still duplicated. The fact that Staff's method does not correct for the
13 prior flow through will not be fixed by adding more assets to the example. A process that
14 doesn't work for only one asset cannot work for more than one asset.

15 Q. How does Company's method adjust for the prior flow through?

16 A. Company's method depreciates all vintage and tax class asset accounts until all of the
17 available straight-line tax deduction has been recorded through straight-line tax
18 depreciation. Then we stop. All available straight-line tax deduction is recorded through
19 the straight-line tax calculation. Stopping the depreciation when the vintage tax class is
20 fully depreciated is both reasonable, since there is no more tax deduction available, and a
21 requirement of calculating guideline straight-line tax. (IRC Reg. § 1.167(a)-
22 11(c)(1)(i)(a)).

1 Tax Straight-Line and Book Depreciation are Different Depreciation Systems

2 Q. Are book depreciation and straight-line tax depreciation systems the same?

3 A. Book depreciation and tax straight-line are completely different. Book and straight-line
4 tax could have been the same. This is called full normalization, but the Commission did
5 not order full normalization. In prior years in order to provide the greater benefits of flow
6 through in those prior years, the Commission did not use book depreciation for straight-
7 line tax. The Commission ordered "tax straight-line" flow through.

8 Q. What is tax straight-line depreciation?

9 A. Tax straight-line depreciation (not straight-line tax) is the income tax deduction for
10 depreciation that would be calculated on the tax return, in accordance the Internal
11 Revenue Code rules (IRC) under the straight-line method.

12 Q. Is this calculation similar to the book depreciation calculation?

13 A. No. It is a tax depreciation deduction calculation using tax guideline lives and tax
14 depreciation procedures. The tax guideline lives and procedures produce a larger
15 depreciation deduction in the early years than book rates and methods.

16 Q. Does the total amount of the straight-line tax depreciation deduction over the life of the
17 asset differ from total amount of book depreciation?

18 A. No. When the tax straight-line depreciation is combined with the basis differences that
19 Staff acknowledges were flowed through, the total deduction is the same as the expense
20 that will be recorded for book depreciation. However, the timing is different.

21 Q. How is the timing different?

22 A. For tax straight-line the guideline lives are generally shorter than book depreciation rates.
23 Therefore the available tax deduction will be exhausted before the end of the assets actual

1 lives. The tax straight-line depreciation rules for the 1971-1980 vintages also use
2 different retirement rules than are used for book. Ordinarily, for these vintages,
3 retirements do not reduce the tax basis. Depreciation continues on these assets. There
4 are no early retirements to require "balance" with late retirements. "Balance" occurs by
5 stopping depreciation of the vintage class when it is fully depreciated.

6 Q. Why does the Company stop depreciating fully depreciated vintages for straight-line tax?

7 A. Foremost it is because the total available tax deduction has been exhausted. As
8 demonstrated above, stopping depreciation of fully depreciated straight-line tax vintages
9 is the proper procedure that allows the flow back (reversal) of the prior flow throughs and
10 prevents duplicate tax deductions from occurring.

11 Staff's Method of Continuing Depreciation is Not Appropriate

12 Q. What is Staff's primary issue?

13 A. "Whether ratepayers should be given a tax deduction for the book depreciation recovered
14 in rates on fully depreciated assets." (Traxler Rebuttal, page 20, lines 7-10)

15 Q. Mr. Traxler spends a considerable amount of time discussing how Staff's method works.
16 Do you agree with his analysis?

17 A. No. His entire foundation is based on one key premise: that there are no depreciation
18 flow through items other than basis differences. Stated another way, Staff's method
19 assumes that straight-line tax calculations have always used the same depreciation rates
20 and procedures as book depreciation. There is ample evidence that for years before Case
21 No. ER-97-394, pre-1981 vintage assets were depreciated using tax guideline
22 depreciation rates, not book depreciation rates, and because of the use of guideline
23 depreciation systems, book procedures have not been used.

1 Q. Why does Mr. Traxler say straight-line tax depreciation is stopped?

2 A. Staff states, "Any time that straight-line tax depreciation is stopped prior to retirement is
3 an example of an asset vintage which is outliving its book depreciation life." (Traxler
4 Rebuttal, page 15, lines 7-8)

5 Q. Do you agree with this statement?

6 A. No. Clearly, Mr. Traxler is again assuming that book depreciation rates and book
7 procedures have been used for straight-line tax over the entire life of the vintage. As
8 demonstrated above, because there are significant prior flow through items, such as the
9 use of faster guideline depreciation, stopping straight-line tax depreciation when the
10 vintage is fully depreciated is an example of the available tax deductions being exhausted
11 faster for straight-line tax than for book.

12 Q. Did the Commission at the time understand that the benefits of straight-line tax would run
13 out because of flow through treatment?

14 A. Yes. In 1976, the Commission wrote:

15 "However, the Commission points out that the reverse is true under flow through
16 where the Company is allowed to collect in rates only its actual tax liability. Eventually,
17 the Company will use up its depreciation deduction both as far as the Commission and
18 the IRS are concerned, but its IRS depreciation deduction will be exhausted sooner,
19 leaving a period of time where the IRS recognizes no expense but the Commission still
20 does. At that point, the Commission will have to give the Company two dollars to cover
21 one dollar of depreciation expense, because both dollars will be considered taxable
22 income by the IRS, half of which the IRS will take." (Report and Order, MPS Case No.
23 18,502 E, page 14)

24
25 Q. What happens if not all prior flow through items are reflected in current rates?

26 A. The current ratepayers receive a benefit from the Company's investors for a benefit
27 already provided to prior ratepayers. The Company cannot collect from the IRS a benefit
28 already provided in ratemaking and already taken on its tax return. Therefore, the benefit

1 would have to be paid to the ratepayers by the Company's investors, reducing the
2 Company's authorized return.

3 Q. Has Staff made an adjustment for all prior flow through items?

4 A. No.

5 Q. What other aspects of Mr. Traxler's analysis do you disagree with?

6 A. He misstates Company's position and he does not clearly describe mass asset accounting.

7 Q. How has Staff misstated the Company's position?

8 A. Staff states "Both the Staff and the Company have included book depreciation expense in
9 cost of service for assets which are fully depreciated." Company does not agree with this
10 statement. Company does not agree that any individual book asset under a mass asset
11 accounting system can be considered fully depreciated until it is: 1) retired; or, 2) the
12 entire plant account becomes fully depreciated.

13 Q. What is incorrect about Mr. Traxler's description of mass asset accounting?

14 A. Mr. Traxler has confused an average life of a group of assets with the actual life of an
15 individual asset. Staff claims that when the actual life of an asset is greater than the
16 average life assigned to its plant account, the asset is fully depreciated. Staff is incorrect
17 in this statement.

18 Q. How has Mr. Traxler extended this confusion to the straight-line tax calculation?

19 A. Because the Commission ordered straight-line tax depreciation calculations to be
20 performed on a tax basis (guideline depreciation) in order to capture the benefits of flow
21 through, the straight-line tax and book depreciation systems are completely different. For
22 the straight-line tax system of depreciation, assets can and do become fully depreciated
23 before the end of their book and actual lives. This is because guideline depreciation is

1 calculated on a tax basis. It is calculated using lives that are shorter than book lives. It is
2 calculated using vintage accounts, and it is calculated using different retirement
3 procedures. It is not correct to try and equate the book mass asset system of depreciation
4 with the tax vintage, tax class depreciation system required to calculate the guideline
5 depreciation ordered by the Commission.

6 Q. Can you provide an example?

7 A. Yes. See Surrebuttal Schedule HDR-4. Columns one and two show two assets of \$1000
8 each with actual lives of 5 years and 15 years, respectively. The average life for a plant
9 account containing only these two assets is 10 years and a depreciation rate of 10%
10 (ignoring net salvage). Staff claims that a book asset that survives past 10 years is fully
11 depreciated. One has only to look at the accumulated depreciation reserve to see that is
12 not the case. If asset two had been the only asset in the account, Staff states that the
13 Commission at the end of year 10, to reflect that the entire account was fully depreciated,
14 would have rightfully stopped depreciation. (Traxler Rebuttal, page 13, line 22 to page
15 14, line 3). Staff's example of "over depreciating" mass assets is improbable.

16 Q. Does Mr. Traxler contradict his claim that mass asset accounting permits assets to be over
17 depreciated?

18 A. Yes. He states that under mass asset accounting, "No attempt is made to track the
19 accumulated depreciation reserve by vintage or **specific asset**." (Traxler Rebuttal, page
20 13, lines 21-22). At the same time, he provides an example of a specific asset and
21 associates a portion of the accumulated depreciation reserve with that specific asset in
22 order to claim the asset is fully depreciated. The same would be true if Staff's example
23 was for a specific group of assets that is less than the mass asset depreciable group.

1 Q. How else does Mr. Traxler contradict his claim that mass accounting permits assets to be
2 over depreciated?

3 A. He states, "If you retire a \$100,000 plant asset, the book depreciation reserve is reduced
4 by the same \$100,000." Mass asset accounting clearly does not consider any individual
5 asset to be fully depreciated before it is retired. Rather an individual mass asset is only
6 considered fully depreciated when it is retired.

7 Q. Is the reason provided by Staff for considering a retired asset fully depreciated accurate?

8 A. No. Staff states, "The underlying assumption is that in the aggregate, assets being retired
9 early will be offset by an equal amount of asset being retired later." (Traxler Rebuttal,
10 page 14, lines 14-16). While this statement may be true for book depreciation rates and
11 book depreciation systems, it is not true of a depreciation system for the same assets that
12 uses different depreciation rates or different procedures. If the straight-line tax
13 depreciation rate, such as a fixed rate based on a tax guideline life, is not based on a study
14 that is adjusted for the actual lives, then the "offsetting" feature of mass asset accounting
15 will not work.

16 Q. What would be the result of continuing straight-line tax depreciation if a faster guideline
17 life had been used?

18 A. See Surrebuttal Schedule HDR-5. This example shows the same book plant account as
19 on Surrebuttal Schedule HDR-4 opposite a faster straight-line tax guideline life for a pre-
20 1970 vintage. Pre-1970 tax vintage retirements are treated essentially the same as book
21 retirements. The plant account has an average book life of 10 years. The early
22 retirements and later retirements precisely balance out over the actual lives of the assets.
23 This results in all and only all the total investment of \$2000 being recovered over the life

1 of the longest asset (15 years). On the other hand, because a faster life of 8 years was
2 used for straight-line tax, all of the depreciation deduction was used up by the end of Year
3 11. Year 11 is the year in which the straight-line tax accumulated depreciation in column
4 (g) equals the plant in service in shown in column (b). To continue to calculate straight-
5 line tax depreciation past the point when the account is fully depreciated for straight-line
6 tax is to provide ratepayers a tax depreciation deduction that is more than what is
7 available to the Company.

8 Q. What about Staff's claim that there are offsetting deductions with other shorter-lived
9 assets?

10 A. Staff's claim is based on book rates and book procedures being used for straight-line tax.
11 Since tax guideline rates and procedures, not book rates, have been used for pre-1981
12 assets, there can be no "balancing" offsetting assets. The guideline rates are not designed
13 to produce offsetting results, as book rates are. The example on Surrebuttal Schedule
14 HDR-3 shows that if faster guideline rates were ever utilized for straight-line tax, Staff's
15 method of calculating will produce excess (duplicate) tax deductions. The amount of the
16 duplicate deductions created under Staff's method will be the balance of the accumulated
17 depreciation reserve in the straight-line tax vintage account in excess of the basis.

18 Q. How does the Company correct for the fact that there are no compensating offsetting
19 retirements when guideline life depreciation rates have been use for straight-line tax?

20 A. In accordance with the rules for the tax straight-line systems being used, we stop
21 depreciating the straight-line vintage when all the available tax deduction has been
22 provided to the ratepayer. This is the proper mechanism to recover the higher ratemaking
23 taxes resulting from the early depletion caused by the prior flow through items. As noted

1 above, the Commission was fully aware of the ratemaking impacts that flow through
2 posed to future revenue requirements. The earlier flow through of tax benefits
3 predictably and inevitably left us with less ratemaking tax deductions now.

4 Staff's Method is a Change in Method

5 Q. Is Staff's method a switch from the tax based straight-line system of depreciation used
6 prior to 1997 to a book based system of depreciation?

7 A. Yes. As noted above, and as described by Staff, Staff's method is book depreciation with
8 an adjustment only for basis difference flowed through. It is essentially a change to full
9 normalization with a partial adjustment for prior flow through items.

10 Q. Has the issue of switching from a tax based straight-line system of depreciation to a book
11 based system of depreciation, as proposed by Staff, been addressed before?

12 A. Yes. In the late 1970's, FERC ordered the utilities under its jurisdiction to embrace full
13 normalization and use book depreciation for tax straight-line. The existence of prior flow
14 through items became the source of much litigation over the proper way to flow back the
15 prior flow throughs and whether the methods proposed met the legal requirements of
16 normalization of the IRC. Ultimately, the IRS issued Revenue Ruling 83-37 (Surrebuttal
17 Schedule HDR-7). The ruling concluded that an annual addback was required to
18 compensate for the prior flow through items. Key to their conclusion was the statement:
19 "Were it not for (the) addback, it is apparent that the annual adjustments would cause the
20 deferred tax account balance to be reduced in violation of section 1.167(l)-1(h)(2)(i) of
21 the regulations" (Rev. Rul. 83-37)

22 Q. Can you translate this revenue ruling to apply to MPS?

1 A. I will paraphrase excerpts of the ruling, changes in italics to represent the current
2 situation, emphasis added:

3 The *Staff's Method* goes beyond requiring prospective full normalization of all
4 book-tax timing differences. It requires *the Company* to normalize not only book-
5 tax differences for assets placed in service after the adoption of such method but
6 also for assets placed in service when normalization was not required or when
7 normalization of only some book-tax timing differences was required *for*
8 *ratemaking*.

9 **The *Staff's Method* does not compute the amount of federal tax deferral**
10 **with respect to any particular asset or class of assets, as would normally be**
11 **done in computing under section 1.167(l)-1(h)(1)(i) of the regulations the**
12 **amount of federal income tax deferral.** Rather, it focuses on the total plant
13 investment. By computing the annual additions to the deferred tax reserve on the
14 basis of the annual aggregate differences between book and tax depreciation for
15 the entire plant, **applying *Staff's method* to property which flow-through**
16 **accounting has previously been used allows current deductions to the**
17 **deferred tax reserve with respect to property for which book depreciation**
18 **now exceeds tax depreciation even though *lesser or no* amounts were added**
19 **to the reserve when tax depreciation was higher than *tax straight line***
20 **depreciation because such differences were flowed through to ratepayers (*i.e.***
21 ***guideline depreciation*). However, the method attempts to counter the effects of**
22 **having flowed through prior book-tax differences rather than having normalized**
23 **them by providing for an addback, which increases the tax expense for ratemaking**
24 **purposes during the remaining book life of all the taxpayer's plant. *However this***
25 ***addback is not sufficient because it only addresses one of several items flowed***
26 ***through.***

27 ***Because the addback proposed by Staff does not address all prior flow***
28 ***through items, it is apparent that the annual adjustments proposed by Staff***
29 **would cause the deferred tax account balance to be reduced in violation of**
30 **section 1.167(l)-1(h)(2)(i) of the regulations.** However, if the previously flowed
31 through amounts were added back at a rate assuring that sufficient amounts were
32 added **annually** to counteract the effect of normalizing for property for which
33 benefits had been previously flowed through, the *Staff's Method* would be
34 acceptable, since the annual additions to the deferred tax account would equal on
35 a composite basis the amount required by section 167(l) of the Code and the
36 amount needed to normalize all other book-tax timing differences.

37 **If the addback in a given year for previously flowed-through amounts is**
38 **too low, the addition to the deferred tax account for that year with respect to**
39 **section 167(l) differences would be less than the required amount. This would**
40 **cause a reduction of the deferred tax account for reasons other than those**

1 specified in section 1.167(l)-1(h)(2)(i) of the regulations and, because of this
2 violation of section 167(l), the taxpayer would lose the right to use
3 accelerated depreciation.

4 Therefore, to assure that section 167(l) of the Code is not violated in a
5 particular case by the use of the *Staff's Method*, the *Company* who previously used
6 flow-through accounting must compute, during each year in which an addback is
7 required, the minimum addition required by section 167(l). **This is done by**
8 **calculating for each public utility property the difference between**
9 **accelerated depreciation taken on the taxpayer's return and the amount that**
10 **would have been taken as depreciation if the taxpayer had used a straight**
11 **line method (on the tax return) instead.** The amount that would have been taken
12 as straight line depreciation should be computed by reference to the tax basis, not
13 the book basis, of the property at the time that normalization was adopted with
14 respect to the property. For each year in which an addback is required, the balance
15 in the deferred tax reserve must equal or exceed the amount that would have been
16 in the account if only book-tax differences addressed by section 167(l) had been
17 normalized.

18 Because *Staff's Method* applies to property placed in service before 2001,
19 when **some or all** book-tax differences had been flowed through to ratepayers, it
20 also **requires an annual addback** to the cost of service, which is designed to
21 generally offset the effect of normalizing with respect to property previously
22 accounted for under a flow-through method.

23
24 Q. This ruling twice refers to a normalization violation under section 1.167(l)-1(h)(2)(i).

25 What is section 1.167(l)-1(h)(2)(i)?

26 A. Section 1.167(l)-1(h)(2)(i) states in part:

27 (i) The taxpayer must credit the amount of deferred Federal income tax
28 determined under subparagraph (l)(i) of this paragraph for any taxable year to a
29 reserve for deferred taxes, a depreciation reserve, or other reserve account. The
30 taxpayer need not establish a separate reserve account for such amount but the
31 amount of deferred tax determined under subparagraph (l)(i) of this paragraph
32 must be accounted for in such a manner so as to be readily identifiable. With
33 respect to any account, the aggregate amount allocable to deferred tax under
34 section 167(l) shall not be reduced except to reflect the amount for any taxable
35 year by which Federal income taxes are greater by reason of the prior use of
36 different methods of depreciation under subparagraph (l)(i) of this paragraph.

37 Q. What does this mean?

1 A. Deferred taxes arise from the difference between tax depreciation and ratemaking
2 straight-line depreciation. Deferred taxes are tracked by tax account. A vintage and class
3 account is an account. When tax depreciation for an account is greater than ratemaking
4 straight-line depreciation, additions are made to the deferred tax reserve. When tax
5 depreciation for an account is less than ratemaking straight-line depreciation, deductions
6 are made from the reserve. When accounts are fully depreciated for both tax depreciation
7 and ratemaking straight-line depreciation, all of the reserve additions will have been
8 deducted. The reserve for the account will be zero. To continue ratemaking straight-line
9 depreciation on the account after it is fully depreciated for tax and fully depreciated for
10 ratemaking straight-line tax will result in a deduction to the reserve (tax depreciation at
11 zero is less than the continued ratemaking straight-line depreciation). Since no prior
12 additions remain in the reserve for that account, a reduction in the reserve is made for
13 which there are no prior additions.

14 Q. Can you describe this more simply?

15 A. Yes. It says that for any account (vintage and class account) the deferred income tax
16 reserve may not be reduced except by the reversal of what was previously put into the
17 reserve. You cannot take out what you did not put in.

18 Q. Isn't the common view of normalization that if ratemaking straight-line tax depreciation
19 is no more than book depreciation there can be no problem?

20 A. This is an over simplified view. It is true only when book depreciation rates and
21 procedures are used for both book and ratemaking straight-line tax depreciation and have
22 been consistently applied from the beginning. This simplified view does not look at the
23 accumulated result of tax depreciation compared to ratemaking straight-line tax

1 depreciation. As demonstrated earlier, if there is any additional flow through, the proper
2 procedure is to stop depreciating the straight-line tax vintage account when it is fully
3 depreciated.

4 Other Flow Through - Guideline Depreciation

5 Q. What is guideline life depreciation?

6 A. Guideline life depreciation refers to two tax methods of tax depreciation allowed by the
7 tax code. Guideline life depreciation refers to both pre-1971 vintage property using the
8 IRC Class Life System (CLS) and 1971 to 1980 vintage property using the IRC Class Life
9 Asset Depreciation Range (also called Asset Depreciation Range or ADR). Under these
10 two tax depreciation systems, assets must be placed in vintage accounts with only one
11 class of asset in an account. (IRC Reg. 1.167(a)-11(b)(3)). Additionally the IRC rule for
12 guideline life depreciation requires that "no account may be depreciated below the
13 reasonable salvage value of the account"(IRC Reg. 1.167(a)-11(c)). Salvage value here
14 means gross salvage, not net of removal costs.

15 Q. How is this related to ratemaking straight-line tax depreciation?

16 A. Prior to 1970, ratemaking was permitted to flow through (use for ratemaking) all tax
17 deduction benefits in the same year they occurred in the Company's tax return, including
18 tax depreciation taken under CLS. Beginning in 1970, the tax rules changed. In order for
19 regulated utilities to be eligible to use "accelerated methods" on their tax returns, utilities
20 that used a straight-line depreciation method for calculating book depreciation, also had
21 to use a straight-line method for calculating ratemaking tax deductions. This did not
22 mean that the ratemaking tax depreciation expense (straight-line tax) had to be the same,
23 only that it had to be calculated using a similar (straight-line) method. Straight-line tax

1 depreciation could be faster than book depreciation, as long as it was calculated straight-
2 line. The IRC placed a limit on how much faster straight-line tax could be. Straight-line
3 tax depreciation (ratemaking) could be no faster than the depreciation allowed on the tax
4 return using the straight-line method (tax straight line) (IRC Section 1.167(l)-1(h)(1)(iii).

5 Q. Have you reviewed the history of tax normalization for MPS?

6 A. Yes. I made a review of rate orders and supporting documents. A description of the
7 documents I reviewed is on Schedule HDR-1.

8 Q. With respect to the Missouri Commission and MPS, can you summarize your findings?

9 A. With the exception of parts of 1976-1978, MPS ratemaking has reflected flow through
10 treatment of guideline tax straight-line depreciation. I will describe documentation that
11 prior to 1970 MPS was on full flow through (all depreciation tax deductions were used to
12 reduce current rates to ratepayers). From 1970 to 1976, MPS was on flow through of all
13 unprotected items (partial normalization). In four consecutive rate cases from 1978 to
14 1982, the Company was ordered to flow through tax straight-line guideline life
15 depreciation, and that the Commission established a policy of allowing normalization of
16 these items only in cases of cash flow difficulties. In 1983, the Company was allowed to
17 normalize its post-1980 property vintages in accordance with the requirements of the
18 Economic Recovery Tax Act of 1981. I found no evidence or order after 1982 indicating
19 a change in treatment for the pre-1981 vintages. To the contrary, I reviewed testimony
20 and other supporting documents of both Staff and Company in MPS Case Nos. ER-83-40,
21 GR-88-194, ER-90-101, and ER-93-37 indicating that guideline tax straight-line
22 depreciation was used to calculate straight-line tax depreciation and the use of this
23 guideline tax straight-line depreciation was not a disputed issue.

1 Review of Evidence of Prior Flow Through

2 Q. What is the purpose of this section?

3 A. The purpose of this section is to provide evidence that for MPS ratemaking has reflected
4 the flow through of other items besides just basis differences. In particular, guideline tax
5 straight-line depreciation has been flowed through.

6 Q. Why is this testimony necessary?

7 A. Staff says, "The Staff's method for calculating the straight-line tax depreciation deduction
8 applies the tax basis/book basis ratio times annualized book depreciation in order to avoid
9 taking an additional tax deduction which has been given to ratepayers in years prior...."

10 (Traxler Rebuttal, page 12, lines 12-14). While acknowledging that prior flow through

11 items require an adjustment, Staff denies there are any prior property related flow through
12 items, other than basis differences. Staff states the "the only material difference between

13 annualized book depreciation recovered in rates and the related tax deduction for book

14 depreciation is the elimination of the asset "basis difference" which was previously

15 flowed through in rates in prior years." (Traxler Rebuttal, page 11, line 23-page 12,

16 line3). Staff appears to be unaware of the Commission's long standing policy to flow

17 through tax timing differences except when a utility is experiencing significant cash-flow

18 problems. Staff's testimony in GR-88-194 listed seven MPS electric and gas cases and

19 one Missouri Cities Water case in support of the Commission's policy history. (See MPS

20 Case No. GR-88-194, Tooe, Direct, pages 7-8). The purpose of this section is to show

21 that ratemaking straight-line tax depreciation flowed through Guideline Tax Straight-line

22 depreciation and cost of removal for years prior to ER-97-394.

1 Q. What rate orders establish that more than just basis differences have been flowed through
2 for ratemaking?

3 A. MPS had four consecutive rate case rulings from 1978 to 1982 ordering us to flow
4 through guideline life depreciation and cost of removal. Additionally, the report and
5 order in MPS Case No. 18,502, page 15 notes that prior cases have result in only "two
6 utilities being granted normalization of FPC-530 items" (guideline life depreciation and
7 basis differences). The four MPS Report and Orders were:

8 Case No. ER-78-29 "The Company's cash flow, interest coverage, and internally
9 generated funds will remain adequate if it is allowed to normalize only the tax
10 timing differences related to accelerated depreciation, repair allowances,
11 investment tax credit, and injuries and damages."

12
13 Case No. ER-79-60 "The Company's cash flow, interest coverage, and internally
14 generated funds will remain adequate if Company is allowed to normalize
15 investment tax credit, accelerated depreciation, amortization of extraordinary
16 purchased power costs and numerous quick turn around items."

17
18 Case No. ER-80-117 "Staff's position is consistent with the decision consistent
19 with the decision of the Commission rendered in the last two rate cases involving
20 the Company.... In the Commission's opinion the Company's cash flow, interest
21 coverage and internally generated funds have not been shown to be inadequate to
22 the extent that flow-through treatment should not be afforded the six items at issue
23 here." The items included Booked to Guideline Depreciation Lives and Removal
24 Costs, in addition to basis differences.

25
26 Case No. ER-82-39, page 23 "The tax-timing differences at issue in this case will
27 be flowed through to the Company's ratepayers, as proposed by Staff." The same
28 six items were at issue as the last case. The items included Booked to Guideline
29 Depreciation Lives and Removal Costs, in addition to basis differences.

30 Q. What evidence do you have that ratemaking after 1982 included flow through of more
31 than basis differences?

32 A. I obtained and reviewed our response to Staff Data Request 465 in Case No. ER-97-394.
33 This response was a print out of our straight-line tax records for vintages 1970 and after.

1 It shows by vintage, by tax class, by calendar year the amount of tax depreciation and
2 straight-line tax depreciation associated with the tax basis in each tax class. It also shows
3 the tax and straight-line tax depreciation rates applied. The entire data response is very
4 large. I have attached the pages for one vintage year (1974) as Surrebuttal Schedule
5 HDR-8, however data for all vintage years is available.

6 Q. What were the straight-line tax depreciation rates for the 1970 to 1980 vintages?

7 A. I observed that for these guideline life vintages, the straight-line tax depreciation rates for
8 each calendar year from the year placed in service until 1997 are the tax straight-line
9 guideline life rate, and not book rates.

10 Q. How did you use this schedule?

11 A. I reviewed the Staff's tax work papers supplied to us during MPS Case No. ER-93-37. I
12 noted that Staff's work papers for the straight-line tax calculation were based on a
13 schedule by vintage year of the total tax depreciation and straight-line tax depreciation for
14 the ER-93-37 test year. This schedule is attached as Surrebuttal Schedule HDR-9. I
15 noted:

- 16 • Tax depreciation on the schedule for the pre-1970 vintage equaled the straight-line tax
17 depreciation. This is the expected result when tax depreciation is flowed through for
18 pre-1970 vintages, as permitted by the IRC. MPS elected tax straight-line CLS for
19 our pre-1970 vintage tax depreciation.
- 20 • Straight-line tax depreciation for each and every electric property vintage year 1970 to
21 1980 agreed with the total of the straight-line tax depreciation for the electric classes
22 of property for the 1993 year shown on our response to Staff Date Request 465 in
23 Case No. ER-97-394.

1 Q. What did you conclude regarding Case No. ER-93-37?

2 A. After noting that Company and Staff testimony did not contain disagreements regarding
3 the method of calculating straight-line tax depreciation, I concluded that Staff's approach
4 in ER-93-37 was consistent with Company's and Company's records. In particular,
5 guideline depreciation was used for pre-1981 vintages and book rates were applied to
6 post-1980 vintages.

7 Q. Did you review MPS Case No. ER-83-40?

8 A. Yes. I reviewed the Staff's testimony. I also reviewed Staff's tax work paper supplied to
9 us during Case No. ER-83-40, attached as Surrebuttal Schedule HDR-10, and our
10 response to Staff Data Request 298 in Case No. ER-83-40 that was included with Staff's
11 tax work papers, attached as Surrebuttal Schedule HDR-11. This was the first case after
12 the four cases that ordered flow through. It is the first case in which the Company did not
13 bring tax normalization to hearing.

14 Q. What did you observe in Staff's testimony?

15 A. In testimony, Staff refers to an adjustment 15 identified as "Excess Tax Depreciation and
16 Guideline Tax Depreciation – Based upon Plant at 12-31-82. Excess tax depreciation is
17 calculated on book to guideline tax for pre '81 and from book to ESL on post '80
18 vintages" (ER-83-40, Tooley Direct, page 7). In his testimony he further describes the
19 adjustments as "The adjustment amounts are the difference between per books Deferred
20 Tax and Deferred Taxes resulting from the normalization of the excess of actual tax
21 depreciation over Tax Straight-Line Depreciation." (ER-83-40, Tooley Direct, page 8).

22 Q. What did you observe in Staff's tax work papers?

1 A. Staff's tax work paper is attached as Surrebuttal Schedule HDR-10. Included with the
2 Staff's tax work papers for Case No. ER-83-40 was the Company's response to Staff's
3 data request 298, attached as Surrebuttal Schedule HDR-11. In response to this data
4 request, MPS provided schedules of 1983 tax depreciation, 1983 guideline straight-line
5 tax depreciation, and 1983 equivalent straight line (ESL) depreciation. Staff's tax work
6 papers show that the tax straight-line amount derives from the guideline straight-line tax
7 schedule for vintages before 1981. ESL is used for the post 1980 vintages. I also noted
8 that for the 1974 vintage, the electric property 1983 tax depreciation and the 1983
9 Guideline Straight Line Depreciation amounts on Surrebuttal Schedule HDR-11 agreed,
10 except for one small adjustment, with the corresponding amounts for 1983 in Company's
11 response to Staff Date Request 465 in Case No. ER-97-394 (1974 vintage schedules
12 attached as Surrebuttal Schedule HDR-8).

13 Q. What is equivalent straight-line (ESL) depreciation?

14 A. ESL depreciation is book depreciation rates multiplied by the same tax basis as used for
15 tax depreciation for vintage years after 1980.

16 Q. What did you conclude regarding Case No. ER-83-40?

17 A. The hearing memorandum states the following:

18 "The Commission has previously established a generic docket, Case No. 00-83-
19 220 to consider the issue of tax normalization. Company requests that a schedule
20 of proceedings be established in that docket in order that a resolution of that issue
21 can be had as expeditiously as possible." (Hearing Memorandum, ER-83-40, page
22 14).

23
24 After reviewing this hearing memorandum, coupled with Staff's testimony and work
25 papers, I concluded that the case outcome and Staff's approach in ER-83-40 were
26 consistent with Company's records. In particular, guideline depreciation was used for

1 pre-1981 vintages and book rates were applied to post-1980 vintages. Cost of removal
2 flow through was also not changed by this case.

3 Q. Did you review MPS Case GR-88-194?

4 A. Yes. I reviewed Staff's tax testimony in MPS case GR-88-194 noting it was also
5 consistent with Company's view that there are flow through items other than basis
6 differences. Staff states:

7 "Tax straight-line depreciation is calculated by applying book depreciation rates to the tax
8 basis of the depreciable property for vintage years 1988 through 1981. Tax straight-line
9 depreciation for older vintages is calculated by applying Class Life Asset Depreciation
10 Range, Class Life System, or straight-line depreciation rates as appropriate to the tax
11 basis of the depreciable property." (GR-88-194, Tooley Direct, page 4, lines 11-16).

12
13 "Staff is proposing flow-through treatment on the book /tax timing differences associated
14 with 1) vacation accrual, 2) cost of removal, and 3) book to tax straight-line depreciation.
15 The Company has proposed normalization of vacation accrual and cost of removal."
16 (GR-88-194, Tooley Direct, page 6, lines 17-20)

17
18 Q. What do you conclude regarding Case No. GR-88-194?

19 A. Staff's testimony confirms that as of the late 1980's there has been no-change in Staff or
20 Commission's policy for MPS in the handling of guideline life depreciation flow through
21 or cost of removal flow through.

22 Q. Did you review MPS Case ER-90-101?

23 A. Yes. I reviewed Company's tax testimony in MPS case ER-90-101 noting it was also
24 consistent with Company's view that there are flow through items other than basis
25 differences. Company Witness Dennis Williams states:

26 "...full normalization of tax timing differences results in the most proper
27 allocation of costs to the consumer. However, except in extraordinary
28 circumstances, this Commission has historically allowed only normalization of
29 those items which are statutorily protected...For purposes of this proceeding, we
30 have determined to seek normalization of only those items historically provide
31 such treatment by this Commission." (ER-90-101, Williams Direct, page 3).

1 On pages 4-6 of Mr. Williams' testimony, he describes the tax treatment of the various
2 items. These include normalizing only the protected accelerated tax depreciation and
3 protected advances and contributions in aid of construction. Cost of removal was treated
4 as flow through.

5 Q. What did you conclude regarding Case No. ER-90-101?

6 A. After noting that Company and Staff rebuttal and surrebuttal testimony did not contain
7 disagreements regarding the method of calculating straight-line tax depreciation, I
8 concluded that Staff's approach in ER-90-101 was consistent with Company view
9 reflected in MPS's straight-line tax records. In particular, guideline depreciation was
10 used for pre-1981 vintages and book rates were applied to post-1980 vintages.

11 Q. What evidence did you review regarding flow through treatment of guideline tax straight-
12 line depreciation prior to 1976?

13 A. I noted that the Report and Order in MPS's 1976 Case No. 18,502E, the Commission,
14 discussing whether to normalize more than the protected amount of guideline
15 depreciation (an "FPC-530" item), states:

16 "Prior rate cases have resulted in two utilities being granted normalization of
17 FPC-530 items because both had cash flow problems and one utility being denied
18 normalization because it did not." (Case No. 18,502E, Report and Order, page
19 15)

20
21 The flow through treatment of tax straight-line depreciation is also evident in MPS's
22 1968 Case No. 16,569. The hearing memorandum and Staff Schedule D, referred to in
23 the hearing memorandum, the test year net operating income in the hearing memorandum,
24 and the test year net operating income in the report and order, all reflect that the excess of
25 tax depreciation over book depreciation was flowed through. This can be seen on Staff

1 Schedule D that the excess of tax depreciation over book depreciation was used to reduce
2 ratemaking tax expense in the same manner as the flowed through basis deductions of
3 "taxes charged construction" and "pension costs to construction". Finally, flow through
4 treatment of tax depreciation is consistent with both our straight-line tax records and our
5 1970 FERC Form 1. Ratemaking depreciation deferred taxes arise from a difference
6 between tax and ratemaking straight-line tax depreciation. These deferred taxes are
7 recorded in FERC account 282. If there is full flow through, there are no deferred taxes.
8 Page 227 of our 1970 FERC Form 1 shows the beginning balance in account 282 is zero.
9 This is consistent with the Company's records showing full flow through of pre -1970 tax
10 depreciation.

11 Q. What is your conclusion regarding evidence of prior flow through?

12 A. I concluded that Company's straight-line tax records reflecting the use of guideline tax
13 straight-line depreciation for ratemaking are well supported by our ratemaking history.
14 Claims by Staff that there are no other significant flow through items are unsupported.

15 Other Flow Through Items

16 Q. Are there other prior flow through items?

17 A. Yes. Basis retirement differences and cost of removal in book depreciation rates are two
18 other items that have historically caused the straight-line depreciation tax deduction to be
19 higher than the associated book depreciation deductions.

20 Q. Please explain how basis retirement differences arise.

21 A. To calculate guideline tax straight-line depreciation, tax rules are followed. The asset
22 retirement rules for tax are not identical to the rules for book. One important example of
23 this relates to ordinary retirements of assets from the 1971 to 1980 vintages. These are

1 known as the Asset Depreciation Range (ADR) vintages. Under tax rules for these
2 vintages tax basis is not reduced for ordinary retirements until after the vintage is fully
3 depreciated. (IRC Reg. Section 1.167(a)-11)

4 Q. What is an example of an ordinary retirement?

5 A. Retirements from service due to wear and tear or normal operations would be considered
6 ordinary. The sale of a system to another utility would not be an ordinary retirement.

7 Q. How does this impact Staff's method?

8 A. Staff's method assumes that straight-line tax calculations have always used the same
9 depreciation rates, procedures, and methods as book depreciation. Guideline tax straight-
10 line depreciation is not the same as book. Therefore, applying Staff's method now
11 produces a different result from book depreciation that is not compensated for. This
12 retirement rule is clearly different from the book retirement rules that reflect all
13 retirements. This also contradicts one of Staff's assumptions that depreciation needs to
14 continue on longer surviving assets to make up for depreciation not taken on shorter lived
15 assets. This is clearly not the case here. Shorter-lived assets continue to be depreciated
16 for straight-line tax regardless of whether they are retired for book.

17 Q. What is the impact on the calculation of straight-line tax of not reducing tax basis for
18 retirements?

19 A. See Surrebuttal Schedule HDR-6. This schedule takes the example from Surrebuttal
20 Schedule HDR-5 and illustrates an ADR vintage. Under the guideline straight-line tax
21 method of calculating straight-line tax, the total available tax deduction is depleted in
22 year 8. The retirement rules of ADR are one feature of tax straight line that provided
23 prior Commissions the benefits of flow through.

1 Q. How can cost of removal contribute to a depreciation difference?

2 A. Historically, including in our ER-97-394 case, the tax deduction for cost of removal (not
3 net salvage) has been separately calculated and deducted as a flow through item in the tax
4 calculation. This has been the case back to the late 1970's. The ratepayer has received
5 the tax deduction benefit for actual cost of removal in this manner. Book depreciation
6 rates have historically included a component for a provision for cost of removal. This
7 means that the depreciation rate and the depreciation amount are larger to allow for a
8 provision for the cost of removal. To the extent that our book depreciation rates were
9 used to calculate the tax deduction for depreciation, the depreciation tax deduction has
10 also been larger to allow for a provision for cost of removal. Since actual cost of removal
11 has been separately deducted for ratemaking and not charged back against straight-line
12 tax depreciation, the provision becomes an additional flow through (tax benefit) in
13 ratemaking. Since it is in the straight-line tax depreciation calculation, it serves to deplete
14 the available tax deduction somewhat faster than a depreciation rate without a cost of
15 removal component.

16 L&P Prior Flow through Items

17 Q. Does L&P have the same prior flow through items?

18 A. Yes. For L&P, the issues of guideline life depreciation, cost of removal, and retirement
19 procedure differences also exist. The relative magnitudes of these issues are different at
20 L&P and are less in total than at MPS. In particular, based on a less extensive review
21 than I did for MPS, the difference between L&P's straight-line depreciation rates and
22 book depreciation rates, appears to be much smaller than at MPS. However, L&P has the
23 same issue regarding flow through arising from retirement procedures and for cost of

1 removal. The issue of retirement procedures is also an issue in Staff's current method as
2 the use of actual tax return tax basis will produce additional flow through depreciation.
3 As with MPS, these prior flow-through items are not properly reflected in Staff's method.
4 While we disagree with Staff's method, because L&P's issues are smaller than MPS's,
5 our case reflects L&P's straight-line tax depreciation on Staff's method, using tax basis as
6 reflected on the tax returns, without reducing tax basis for unreflected ADR retirements,
7 and without adjusting for cost of removal included in book depreciation rates. Our
8 understanding is that this is consistent with Staff's calculation in this case.

9 Tax Summary

10 Q. Can you summarize your tax testimony?

11 A. The following are the key points:

- 12 • There are prior flow through items other than basis differences
- 13 • These items are of significant magnitude.
- 14 • The IRC requires vintage accounts to stop depreciation when fully depreciated.
15 Company's calculation complies with this requirement.
- 16 • If switching to book depreciation (full normalization) when prior flow through
17 items exist, the IRC requires an adjustment for these prior flow though items.
- 18 • Staff's method does not adjust for all the prior flow through items thereby taking
19 duplicate (unrealizable) tax deductions unfairly.
- 20 • When the Commission originally ordered flow through, the Commission realized
21 that flowing through benefits early on to ratepayers would increase rates to future
22 ratepayers.

- 1 • Company's calculation properly complies with IRC requirements and produces
2 the correct tax straight-line result.

3 **RECORDING OF COST OF REMOVAL AND SALVAGE (NET SALVAGE)**

4 Q. Staff witness Rosella Schad recommends that interim costs of removal should be
5 expensed (Schad Rebuttal, page 15). Do you agree with her recommendation?

6 A. No. In order to provide proper protection to both the ratepayer and the Company, interim
7 costs of removal, regardless of the dollar amount of net salvage authorized by the
8 Commission for recovery in rates, should be included in the depreciation rate and
9 provided rate base treatment for ratemaking. As demonstrated in my Rebuttal Exhibits
10 HDR-1 and HDR-2, Staff's expense method does not allow full recovery and creates an
11 under-recovery. Rate base treatment, regardless of the amount authorized, ensures that
12 the ratepayer pays for all and only all actual net salvage costs of the Company. And given
13 that the Commission reviews our depreciation rates periodically through updated
14 depreciation studies, any rate that was too high or too low would be identified. Over
15 time, the ratepayer pays no more than what the Company paid and earns a return through
16 reduced rates in the interim. The Staff's expense method is inequitable in nature and
17 provides no protection to either the ratepayer or the Company.

18 Q. What is your recommendation?

19 A. I recommend using the traditional method of incorporating net salvage in the depreciation
20 rate, regardless of the dollar level provided in the rate, and affording rate base treatment
21 as the appropriate ratemaking treatment because:

- 22 • Rate base treatment of net salvage equitably compensates both the ratepayer and the
23 Company.

1 Q. Ms. Schad states that the pay as you go method calculated by Staff utilizing a five year
2 average represents known and measurable amounts and it is the Commission's practice to
3 set rates based on known and measurable amounts. How do you respond?

4 A. First, incorporating historical averages into ratemaking should not be characterized as
5 "known and measurable" amounts for future events. Since expenditures will occur at
6 some future point in time, Staff's method should be characterized as an estimate, just a
7 different method of estimation as compared to Company's accrual method. The key
8 difference is that by utilizing the rate base method, ratepayers over time will pay the
9 actual amounts incurred, because the rate base method provides a mechanism to true-up
10 to the actual amounts incurred. Under Staff's method, ratepayers always pay an estimated
11 amount incurred with no true-up mechanism to the actual amounts incurred.

12 Q. Has the pay as you go method been utilized in prior cases?

13 A. Yes. The pay as you go method has been incorporated in depreciation rates in prior rate
14 orders. Specifically, in MPS Case No. ER-90-101, the Commission adopted Staff
15 witness Melvin Love's methodology to recover a five-year average level of net salvage
16 through the depreciation rate. A similar method was adopted in MPS Case No. ER-93-
17 37.

18 Q. Has the accrual method been utilized in prior cases?

19 A. Yes. Both Company and Staff in MPS Case No. ER-97-394 recommended accrual levels
20 (ratio of net salvage to plant value of retirements). This method was adopted by the
21 Commission in MPS Case No. ER-97-394.

22 Q. Why is the accrual method superior?

1 A. The accrual method should be adopted by the Commission by incorporating Dr. Ronald
2 E. White's recommended depreciation rates because:

- 3 • Intergeneration inequity for the ratepayer is minimized through the accrual method.
4 The cost of providing service is appropriately placed with customers benefiting from
5 the service, i.e., proper matching occurs.
- 6 • Minimization of a hidden disallowance will be accomplished through the accrual
7 method. If the Company is not allowed to collect the true cost of serving current
8 customers now, there is no guarantee it will be allowed to collect from future
9 customers for a service previously provided to past customers.

10 Q. Ms. Schad references in her rebuttal that the Company's depreciation rates for interim
11 costs of removal generated over \$14.5 million annually for removal costs. Do you agree?

12 A. The Company has outstanding discovery requests on Staff's calculations of the \$14.5
13 million. Until we receive the information requested, we are not in a position to respond.

14 Q. Has Ms. Schad misinterpreted your direct testimony?

15 A. Yes. In her testimony she takes exception to my use of the word "benefits." My
16 testimony refers to the "benefits of salvage." Salvage (gross) is a reduction of the
17 Company's costs and is given to the ratepayer as a benefit.

18 Q. Please summarize the Company's position for the amount of interim cost of removal.

19 A. The Company's preference is to utilize the accrual method because this method is more
20 equitable. Current ratepayers consuming property should have to pay a portion of the
21 retirement of the property they are consuming. The accrual method is superior to Staff's
22 pay as you go method because it takes into consideration the future investment or growth

Surrebuttal Testimony:
H. Davis Rooney

1 in electric plant. The Staff's method is inequitable and fails to take into consideration

2 future growth and plant investment.

3 Q. Does this conclude your surrebuttal testimony?

4 A. Yes it does.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
	<u>MPS Cases</u>		
ER-97-394	Data Request MPSC-465	1) Data Response is a detail showing by tax class, by vintage, by tax year the tax and tax straight line depreciation. 2) For vintages 1970 to 1981 it shows the use of guideline life rates for all tax years. 3) Tax basis is the same as SLT basis.	1) Company's records show the use of guideline tax straight line for pre-1981 vintages for tax years prior to Case ER-97-394. 2) SLT reflects the same retirement procedures as Tax, not book retirement procedures

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
ER-93-37	Direct Testimony and supporting work papers of James R. Dittmer for Staff	<p>p24 "review emphasis was upon recurring book and tax differences which have been historically flowed through as well as prominent book/tax differences."</p> <p>P27 "The net provision for deferred taxes associated with tax depreciation in excess of book depreciation was calculated by MPS with the Company's vintage tax records...and applying the Staff's recommended depreciation rates."</p> <p>Staff Schedule E20-45 - shows tax and straight line tax depreciation by vintage. Pre-1970 tax and tax straight line are equal. All electric SLT Depreciation amounts for 1970-1980 tie to the 1993 tax year data contained in Data Request 465 for Case No. ER-97-394.</p>	<ol style="list-style-type: none"> 1. Staff witness was aware of historical items and issues. 2. Staff supervised the preparation of the vintage schedules. 3. The vintage schedule from Staff's work papers do not reflect Staff's current method of calculation. This is clearly apparent by the fact that pre-1970 tax and tax straight line are identical. This is not possible under any plausible variation of Staff's ratio methodology. It is only possible if tax guideline class life rates were applied to tax basis for both tax and tax straight line and calculated in accordance with tax depreciation methods excluding fully depreciated vintages. 4. Staff's 1970-1981 SLT depreciation is guideline tax depreciation as it ties to Company's schedules. 5. Staff applied book depreciation rates to post 1980 vintages only, consistent with treatment in prior cases. 6. Staff's direct case included flow through of guideline tax depreciation.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
ER-90-101	Surrebuttal Testimony of James R. Dittmer for Staff	<p>p1 Mr. Dittmer's filed direct but no rebuttal testimony in this case.</p> <p>p1-2 Mr. Dittmer's issues for surrebuttal were unbilled revenue flow through tax issue, cost of removal tax deduction issue, overall revenue requirement recommendation, and certain promotional practices waivers.</p> <p>p3-20 Mr Dittmer refers to many cases regarding ratemaking treatment of taxes from 1958-1990.</p> <p>p20 "I, or members of my firm, have been involved in some capacity in every MPS electric case since Case No. ER-78-29."</p>	<ol style="list-style-type: none"> 1. Staff is familiar with current and historical tax issues. 2. Staff offered no rebuttal or surrebuttal to Company's use of Guideline Life flow through. Staff did not contest Company's approach.
ER-90-101	Direct Testimony of Dennis R. Williams - Company	<p>p3 "full normalization of tax timing differences results in the most proper allocation of costs to the consumer. However, except in extraordinary circumstances, this Commission has historically allowed only normalization of those items which are statutorily protected...For purposes of this proceeding, we have determined to seek normalization of only those items historically provide such treatment by this Commission."</p> <p>p4-6 Normalize only protected accelerated tax depreciation, and protected advances and contributions in aid of construction. Flow through costs of removal.</p>	<ol style="list-style-type: none"> 1. Company records on Data Request 465 in Case No. ER-97-394 show guideline SLT depreciation used in these years. This is consistent with prior flow through of guideline life differences. Guideline depreciation is not considered "accelerated". 2. Indicates Company believes there has been no change in Commission or Staff policy on flow through. 3. Conclude that Company has accepted the Commissions long standing and consistent flow through treatment of guideline life differences. If it had been granted normalization in a prior case, after seeking normalization for so many years, Company would have proposed it in this case.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
GR-88-194	Direct Testimony of Edward Tooley - Staff	<p>p4 "Tax straight-line depreciation is calculated by applying book depreciation rates to the tax basis of the depreciable property for vintage years 1988 through 1981. Tax straight-line depreciation for older vintages is calculated by applying Class Life Asset Depreciation Range, Class Life System, or straight-line depreciation rates as appropriate to the tax basis of the depreciable property." Staff flows through guideline/book life differences. Uses book depreciation rates only for ACRS and MACRS (post ERTA 1981) vintages</p> <p>p5 Staff notes that book depreciation rates include a component for cost of removal</p> <p>p6 "Staff is proposing flow-through treatment on the book/tax timing differences associated with 1) vacation accrual, 2) cost of removal, 3) book to tax straight-line depreciation. The Company has proposed normalization for vacation accrual and cost of removal."</p> <p>p7-9 Extensive discussion of the Commissions consistent treatment of cash flow difficulties as a test for flow through treatment.</p>	<ol style="list-style-type: none"> 1. This is consistent with prior flow through of guideline life differences. 2. Indicates there has been no change in Commission or Staff policy on flow through. 3. Staff testimony cites the differences with Company's proposal. Guideline life flow through treatment was not a difference. Conclude that Company has accepted the Commissions long standing and consistent flow through treatment of guideline life differences. If it had been granted normalization in a prior case, after seeking normalization for so many years, Company would have proposed it in this case.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
AO-87-48	Order Approving Stipulation and Agreement in Tax Case, Company Schedules 1-25	Schedules show no deferred taxes related to pre-1970 vintages.	<ol style="list-style-type: none"> 1. Likely the tax records were highly scrutinized in this case as it was the primary focus. 2. Staff and Company have utilized average rate assumption method (ARAM) to flow back excess taxes. This required a finding that the Company's vintage records are adequate. (IRC Rev Proc 88-12)
ER-83-40	Direct Testimony and Supporting Schedules and Supporting Workpapers of Edward Tooley	<p>p6-7 "How were tax deductions appearing thereon calculated?...Excess Tax Depreciation and Guideline Tax Depreciation - Based upon Plant at 12-31-82. Excess tax depreciation is calculated on book to guideline tax for pre-'81 vintages and from book to ESL on post '80 vintages."</p> <p>Workpaper - Tax S/L ties to Data Request 298 schedule Guideline Straight Line Depreciation</p>	<ol style="list-style-type: none"> 1. Staff used guideline tax depreciation for pre-1981 vintage to determine straight-line tax depreciation for ratemaking tax deduction.
ER-83-40	Data Request 298	Shows Tax and Guideline Straight Line Depreciation by Class and Vintage for 1983 tax year.	<ol style="list-style-type: none"> 1. Some vintages and classes tie to Data Request 465 from Case No. ER-97-394. Some adjustments from 1983 to 1997 are to be expected.
ER-83-40	Hearing Memorandum	p14 Tax normalization issue was deferred into a rulemaking case 00-83-220.	<ol style="list-style-type: none"> 1. No change in tax treatment in this case. 2. Case 00-83-220 concluded no change should be made in the Commissions tax normalization policy.
ER-83-40	Report and Order	p12 Hearing memorandum addressed normalization. Order is silent on normalization issues except to reiterate the authorization to comply with ERTA 1981	<ol style="list-style-type: none"> 1. ERTA 1981 tax law normalization requirements did not apply to pre-1981 vintage property. (IRC-81 Sec 168(e))

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
ER-82-39	Report and Order	<p>p22 Flow through of booked to guideline depreciation lives, pensions and taxes, capitalized interest, removal costs, JEC Trust Deduction, and unbilled revenue.</p> <p>p22 "The Commission has frequently and consistently held in recent years that normalization treatment should be afforded only upon a showing that the utility requesting such normalization is experiencing significant cash flow problems."</p> <p>p23 "the Company has not met its burden of proving that its cash flow requires normalization of tax-timing differences"</p> <p>p23 Company authorized to normalize in accordance with Economic Recovery Tax Act of 1981.</p>	<ol style="list-style-type: none"> 1. Fourth order in a row allowing guideline life. 2. Commission draws our attention to its policy on normalization. 3. Everyone else is being treated similarly. 4. ERTA 1981 did not change any normalization requirements for pre-81 vintages (guideline life vintages) IRC-81 Sec 168(e)
NA	IRC Sec. 168 (1981 Code - ERTA 1981)	For purposes of this section -- 168(e)(1) property placed in service before January 1, 1981. -- The term "recovery property" does not include property placed in service by the taxpayer before January 1, 1981.	1. For new property placed in service, normalization requires a tax deduction depreciation period no shorter than that used to compute (book) depreciation expense, however this requirement does not apply to older vintages.
ER-81-85	Surrebuttal of James R. Dittmer for Staff in Case ER-90-101	p6 and Schedule 2 - Mr. Steven C. Carver of the MPSC Staff testified that staff was proposing flow through treatment of book-to-guideline depreciation lives.	1. Guideline life (Class Life Asset Depreciation Range lives) were flowed through.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
ER-80-118	Report and Order	<p>p32 "Staff's position is consistent with the decision of the Commission rendered in the last two rate cases involving the Company." p32 Flow through of booked to guideline depreciation lives, pensions and taxes, capitalized interest, removal costs, JEC Trust Deduction, and unbilled revenue.</p>	<p>1. Guideline life now specifically listed. This, and the note that Staff's position is consistent with prior two cases, supports the calculations reflected in Company's records that guideline life has been consistently flowed through.</p>
ER-79-60	Report and Order	<p>p35 "normalize investment tax credit, accelerated depreciation, amortization of extraordinary purchased power costs and numerous quick turnaround items" Allowance for funds used during construction, pension and taxes capitalized, Jeffrey Energy Center Trust deduction and removal costs shall be flowed through."</p>	<p>1. Order states that this is substantially the same as the last case. 2. Flow through of guideline life differences is confirmed in ER-80-118</p>
ER-78-29	06/23/1978 Report and Order	<p>p7 Cash flow is the key test to normalization p7 "Only" "accelerated depreciation, repair allowance, investment tax credit, and injuries and damages are allowed to be normalized."</p>	<p>1. All other unprotected items are flow through. 2. Accelerated depreciation is not the same as life differences. Guideline life differences are not precluded (protected) from flow through. 3. Guideline life difference was flowed through. This is consistent with the Companies books and records which have been subject to audit since that time. 4. This view is substantiated in ER-80-118</p>

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
18,502 E	05/28/1976 Report and Order	<p>p14 Regarding flow through and normalization. "Witnesses for Company, Staff, and intervenors pointed out the advantage and disadvantages of both approaches. Complications do develop under normalization in that the Company is being allowed to collect more revenue than their expenses will shelter, hence, the IRS will consider these normalization dollars as taxable income and take roughly half of them. To compensate, the Commission, under normalization, must double the amount of the normalization adjustment in order for the Company to end up with the proper number of dollars.</p> <p>However, the Commission points out that the reverse is true under flow through where the Company is allowed to collect in rates only its actual tax liability. Eventually, the Company will use up its depreciation deduction both as far as the Commission and the IRS are concerned, but its IRS depreciation deduction will be exhausted sooner, leaving a period of time where the IRS recognizes no expense but the Commission still does. At that point, the Commission will have to give the Company two dollars to cover one dollar</p>	<p>1) The Commission recognizes that by ordering flow through treatment future rate payers would incur higher rates.</p>

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
18,502 E	05/28/1976 Report and Order	<p>p14 Addresses life differences and capitalized overheads (FPC-530 issues)</p> <p>p15 Points out that only two prior cases have been granted normalization of FPC-530 items and both because of cash flow difficulties</p> <p>p15 Establishes cash flow difficulties as the proper test of allowing normalization of unprotected depreciation items</p> <p>Dissent of Commissioner Mulvaney indicates Company has not demonstrated cash flow difficulties and should not take the "drastic" measure of "adopting" full normalization.</p>	<ol style="list-style-type: none"> 1. Life and overheads are FPC-530 items, normalization of which are subject to a determination of adequate cash flow. 2. MPS was not cited as one of the two prior companies granted normalization. Implies MPS was on flow through of unprotected items prior to this case. This is consistent with later rate case documents that show the amortization back into ratemaking of previously normalized amounts in 1976-78. 3. View that MPS was not on normalization prior is supported by dissent language of "drastic" and "adopting". 4. Life differences are not the same as or included in liberalized (accelerated) depreciation.
NA	1970 MPS FERC Form 1	p 227 - Account 282 has no opening balance	<ol style="list-style-type: none"> 1. Absence of deferred taxes is consistent with pre-1970 flow through treatment of tax depreciation, as reflected in Case No. 16,569.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
16,569	07-15-1969 Report and Order - MPS	p5 Test year (12/31/1968) net operating income is \$7,382,978	1. Test year NOI ties to applicants brief showing flow through treatment of tax depreciation
16,569	05-26-1969 Brief of Applicant Missouri Public Service Company	p14-17 Ratemaking NOI reflects the impact of the deduction of the excess of the tax depreciation over book depreciation on the ratemaking tax expense p17 Adjusted test year NOI of \$7,382,977 ties to rate order	1. The benefit of tax depreciation was provided the ratepayers. Tax depreciation was flowed through. Staff and Company accepted flow through treatment. This item was not at issue.
16,569	06-16-1969 Brief of the General Counsel Missouri Public Service Commission	p22 "The Company and the Staff are in agreement as to the method of computing federal and state income taxes except for the investment tax credit for rate-making purposes. (See Staff Ex. D, p. 2)"	1. Rate-making calculation of income tax expense was not an issue, except for investment tax credit.
16,569	Staff Exhibit D	Shows flow through treatment of excess of tax depreciation over book depreciation.	1. Tax depreciation flowed through
16,569	Hearing Transcript (1969)	p111-114 Richard Green - Company does not currently take liberalized depreciation because it objects to flow through ratemaking treatment p850 Jack Baker - Company does not currently take liberalized depreciation because Commission's current policy would require flow through treatment.	1. As of 1968 Company did not take liberalized depreciation. 2. Company, and current case supported it, believed Commission's policy was to flow through tax depreciation as reflected on the tax return. (Note: In 1968, the tax laws did not require normalization for ratemaking.)

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
12,964	03-04-1955 Report and Order on Emergency Facility Deferred Taxes - MPS	<p>p1-2 "The Uniform System of Accounts prescribed by this Commission for the use of electrical corporations subject to its jurisdiction...does not specifically prescribe the method of accounting for the Federal income tax effect or result of such accelerated amortization."</p> <p>p4-6 Only applies to certified emergency facilities.</p> <p>p5-6 Orders reversal of deferred taxes to stop at when exhausted or property is retired, but authorized to use monthly amounts to ensure entire balance is amortized over the estimated remaining life.</p> <p>p6 Deferred taxes will be associated with particular certificates.</p>	<p>1. No prior accounts for deferred taxes, implies no prior deferred tax tracking, implies full flow through treatment, as flow through does not create deferred taxes.</p> <p>2. Only certified emergency facilities authorized for deferred tax accounting treatment. Implies other property still flow through.</p> <p>3. Deferred taxes from one certified property shall be held separate from other certified property. Implies aggregating separate properties is not authorized.</p> <p>4. Reversal of deferred taxes will stop when the deferred taxes for that property reach zero.</p>

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
	L&P Cases		
ER-99-247	Order Approving Stipulation and Agreement	p5 Item 5A "That SJLP will record income taxes by calculating tax straight-line depreciation on all assets in SJLP's plant accounts and by flowing through for cost of removal, net of salvage, the total tax deduction less the amount included in tax straight-line depreciation.	1. SJLP is allowed to adjust its flow through of COR by the amount of net salvage included in the calculation of tax straight-line.
ER-81-43	06-09-1981 Report and Order, Staff and Company Testimony	Item 5 Cost of removal ordered flow through Staff position in case was "The Staff is recommending that the flow-through treatment be utilized by this Company for all tax-timing differences not required by law to be normalized." (Traxler Direct, page 9)	1. Cost of removal flow through in straight-line depreciation to the extent cost of removal is in book depreciation rates. 2. Staff position is flow through of all unprotected items.
18,626	09-13-1976 Report and Order	p14 Lists nine items ordered flow through. "Book-tax differences in straight line life depreciation" is listed.	1. SJLP has flow through depreciation differences other than basis differences.
NA	1970 SJLP FERC Form 1	p 227 - Account 282 has opening balance of \$324,000. Footnote discloses entire opening balance arose in 1969.	1. Absence of deferred taxes prior to 1969 is consistent with flow through treatment of tax depreciation and consistent with 1969 accounting order.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
16,881	12-31-1969 Accounting Order	<p>p2 Deferred taxes are the tax difference between the use of accelerated depreciation on the tax return and the use of tax straight-line depreciation on the income statement ("deduction allowable under the tax depreciation method heretofore followed).</p> <p>p3 "In respect of any of its properties" reversal of deferred taxes continues until the amount "applicable to such properties is exhausted"</p>	<p>1. Deferred taxes are the difference in two tax calculations.</p> <p>2. Reversals of deferred taxes stop when exhausted.</p>

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
	Other Company Cases		
13,294	02-28-1956 Report and Order on Liberalized Tax Depreciation Accounting - KCPL	<p>p1 This case was part of a joint hearing and record with four other utilities "due to the importance of this matter".</p> <p>p2 Commission's Uniform System of accounts does not have a way to account for accelerated tax depreciation.</p> <p>p2-3 Refers to "three methods of determining depreciation for Federal tax purposes." Discusses tax methods of computing tax depreciation deduction. Accelerated methods available for tax years after 1953.</p> <p>p6 Rate treatment not at issue.</p> <p>p6 Election of accelerated depreciation for tax does not impact recording of book depreciation.</p> <p>p6-7 States the deferral is based on the difference between the accelerated tax depreciation deduction and the "deduction allowable under the tax depreciation method heretofore followed."</p> <p>p7 Regarding reversal of deferred taxes states when the reversal occurs for "any of its properties", the reversal will continue until the deferral "applicable to such properties is exhausted".</p>	<ol style="list-style-type: none"> 1. As a joint hearing for 5 utilities, intended to address the Uniform Systems of Accounts, I concluded that this set out the Commission's approach and not a single utility procedure. 2. No prior accounts for deferred taxes, implies no prior deferred tax tracking, implies full flow through treatment, as flow through does not create deferred taxes. 3. The deferral relates only to the difference between IRC accelerated tax and IRC tax straight line. Implies flow through accounting for the difference between tax straight line and book depreciation. 4. Provides that the reversal of deferred taxes stops at \$0 for any property on which it is reversing. 5. By pointing out that deferral accounting was not binding on future rate cases, this implies a past preference for flow through and a reserved judgement on normalization accounting for ratemaking. This supports a view of prior flow through.

Documents Reviewed in Support of Existence of Prior Flow Through

Case No.	Document	Facts Found	Conclusion
GR-94-220	Laclede Gas Company Stipulation and Agreement	<p>p11 Adopts Staff's Method and authorized to charge its deferred tax reserve for any tax liability created by the adoption of Staff's method.</p> <p>Attachment 2 Authorizes the reduction of tax basis by property retirements "for property depreciated under tax depreciation methods in which Tax Basis is not otherwise reduced by property retirements."</p>	<p>1. Laclede can charge its deferred tax reserve for the amounts created under Staff's method.</p> <p>2. Laclede is authorized to reflect as retired the unreflected tax basis of ADR retirements.</p>

**Estimate of Prior Flow Through
Class Life vs Book Depreciation Rate Prior to 1997**

MPS Vintage	Type	Surviving Tax Basis		SLT Rate	Book Depreciation Rates			
		12/31/2002	Flow Thru Depr		1951-1968	1969-1989	1990-1992	1993-1997
Pre-1970	Steam Gen	51,601,651	5,065,808	3.57%	2.63%	3.28%	2.97%	3.73%
Pre-1970	T&D	26,862,724	3,349,016	3.33%	2.96%	2.95%	2.82%	2.84%
1970	Steam Gen	831,455	56,872	3.57%	2.63%	3.28%	2.97%	3.73%
1971	Steam Gen	360,511	23,608	3.57%	2.63%	3.28%	2.97%	3.73%
1972	Steam Gen	970,926	60,752	3.57%	2.63%	3.28%	2.97%	3.73%
1973	Steam Gen	505,201	30,139	3.57%	2.63%	3.28%	2.97%	3.73%
1974	Steam Gen	723,785	41,070	3.57%	2.63%	3.28%	2.97%	3.73%
1975	Steam Gen	102,249	5,504	3.57%	2.63%	3.28%	2.97%	3.73%
1976	Steam Gen	182,166	9,275	3.57%	2.63%	3.28%	2.97%	3.73%
1977	Steam Gen	1,020,667	48,992	3.57%	2.63%	3.28%	2.97%	3.73%
1978	Steam Gen	25,196,008	1,135,980	3.57%	2.63%	3.28%	2.97%	3.73%
1979	Steam Gen	6,114,747	257,868	3.57%	2.63%	3.28%	2.97%	3.73%
1980	Steam Gen	17,516,286	687,639	3.57%	2.63%	3.28%	2.97%	3.73%
1970	T&D	6,432,801	753,289	3.33%	2.96%	2.95%	2.82%	2.84%
1971	T&D	4,475,442	506,925	3.33%	2.96%	2.95%	2.82%	2.84%
1972	T&D	13,774,778	1,507,445	3.33%	2.96%	2.95%	2.82%	2.84%
1973	T&D	10,444,869	1,103,000	3.33%	2.96%	2.95%	2.82%	2.84%
1974	T&D	7,858,524	799,755	3.33%	2.96%	2.95%	2.82%	2.84%
1975	T&D	11,201,790	1,097,059	3.33%	2.96%	2.95%	2.82%	2.84%
1976	T&D	8,973,003	844,386	3.33%	2.96%	2.95%	2.82%	2.84%
1977	T&D	12,858,907	1,160,772	3.33%	2.96%	2.95%	2.82%	2.84%
1978	T&D	13,280,622	1,147,935	3.33%	2.96%	2.95%	2.82%	2.84%
1979	T&D	9,668,956	798,693	3.33%	2.96%	2.95%	2.82%	2.84%
1980	T&D	10,722,713	844,636	3.33%	2.96%	2.95%	2.82%	2.84%
Total		241,680,781	21,336,417					

Rev Requirement	13,295,002
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Actual amount would likely be higher because:

Calculations not done for all tax classes, only for two largest.

This calculation does not reflect the additional depreciation over book amount created by the ADR retirement rules
Gas property not addressed.

**Example of Staff's Method with Prior Flow Through Depreciation
 No Book/Tax Basis Difference
 No Life Difference
 Assume \$200 Guideline Straight Line Tax Depreciation in First Year**

(a)	(b)	(c)	(d)	(e)	(f)
Life		10		Straight Line Tax	
Year	Plant Acct In Service	Plant Acct Depr	Plant Acct Accum Depr	SLT Depr	SLT Accum Depr
1	1,000	100	100	200	200
2	1,000	100	200	100	300
3	1,000	100	300	100	400
4	1,000	100	400	100	500
5	1,000	100	500	100	600
6	1,000	100	600	100	700
7	1,000	100	700	100	800
8	1,000	100	800	100	900
9	1,000	100	900	100	1,000
10	1,000	100	1,000	100	1,100
11	-	-	-	-	100
Totals		<u>1,000</u>		<u>1,100</u>	

Example of an Asset Outliving its Account Average Life

(a)	(b)	(c)	(d)	(e)	(f)	(g)
Life	5	15		10		
Year	Asset 1 Asset Depr	Asset 2 Asset Depr	Plant Acct In Service	Plant Acct Depr	Plant Acct Accum Depr	
1	200	67	2,000	200	200	
2	200	67	2,000	200	400	
3	200	67	2,000	200	600	
4	200	67	2,000	200	800	
5	200	67	2,000	200	1,000	
6		67	1,000	100	100	Retire Asset1
7		67	1,000	100	200	
8		67	1,000	100	300	
9		67	1,000	100	400	
10		67	1,000	100	500	
11		67	1,000	100	600	
12		67	1,000	100	700	
13		67	1,000	100	800	
14		67	1,000	100	900	
15		67	1,000	100	1,000	
16		-	-	-	-	Retire Asset2
Totals	<u>1,000</u>	<u>1,000</u>		<u>2,000</u>		

Example of a Pre-1970 Class Life Asset

(a)	(b)	(c)	(d)	(e)	(f)	(g)
Life		10			8	
Year	Plant Acct In Service	Plant Acct Depr	Plant Acct Accum Depr		SLT Vintage Depr	SLT Vintage Accum Depr
1	2,000	200	200		250	250
2	2,000	200	400		250	500
3	2,000	200	600		250	750
4	2,000	200	800		250	1,000
5	2,000	200	1,000		250	250
6	1,000	100	100	Retire Asset1	125	375
7	1,000	100	200		125	500
8	1,000	100	300		125	625
9	1,000	100	400		125	750
10	1,000	100	500		125	875
11	1,000	100	600		125	1,000
12	1,000	100	700			1,000
13	1,000	100	800			1,000
14	1,000	100	900			1,000
15	1,000	100	1,000			1,000
16	-	-	-	Retire Asset2	-	-
Totals		<u>2,000</u>			<u>2,000</u>	

Example of an ADR Guideline Life Asset

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Life	10				8		
Year	Plant Acct	Plant Acct	Plant Acct		SLT Vintage	SLT Vintage	SLT Vintage
	In Service	Depr	Accum Depr		Tax Basis	Depr	Accum Depr
1	2,000	200	200		2,000	250	250
2	2,000	200	400		2,000	250	500
3	2,000	200	600		2,000	250	750
4	2,000	200	800		2,000	250	1,000
5	2,000	200	1,000		2,000	250	1,250
6	1,000	100	100	Retire Asset1	2,000	250	1,500
7	1,000	100	200		2,000	250	1,750
8	1,000	100	300		2,000	250	2,000
9	1,000	100	400		2,000		2,000
10	1,000	100	500		2,000		2,000
11	1,000	100	600		2,000		2,000
12	1,000	100	700		2,000		2,000
13	1,000	100	800		2,000		2,000
14	1,000	100	900		2,000		2,000
15	1,000	100	1,000		2,000		2,000
16	-	-	-	Retire Asset2	-	-	-
Totals		<u>2,000</u>				<u>2,000</u>	

**REV-RUL, Depreciation; public utility., Rev. Rul. 83-37, 1983-1 CB 60,
(Jan. 01, 1983)**

Rev. Rul. 83-37, ► 1983-1 CB 60

Section 167.—Depreciation

26 CFR 1.167(l)-1: *Limitations on reasonable allowance in case of property of certain public utilities.*

[IRS Headnote] Depreciation; public utility.—

A public utility taxpayer will not be denied the use of accelerated methods of depreciation when it prospectively normalizes all differences between book and tax accounting (full normalization) in compliance with a Federal Energy Regulatory Commission (FERC) order. Furthermore, the taxpayer will not be in violation of section 167(1), even if it is normalizing with respect to property previously flowed through to the ratepayers, when the balance in its deferred tax account equals or exceeds the historical amount determined by the book and tax differences directly addressed by section 167(1).

[Text]

ISSUE

Will a public utility taxpayer be denied the use of accelerated methods of depreciation if it complies with an order of the Federal Energy Regulatory Commission (FERC) to normalize all tax differences between book and tax accounting for depreciation, including differences attributable to property for which flow-through accounting was previously used?

FACTS

In 1967, the taxpayer, a regulated public utility, began flowing through to ratepayers all tax deferrals resulting from the differences between book and tax accounting, including those attributable to the use of accelerated depreciation for federal income tax purposes while using straight line depreciation for book purposes. This method of flowing through all book-tax differences continued through 1974. In 1975 the taxpayer properly changed its accounting method to normalize prospectively, under the provisions of section 167(l) of the Internal Revenue Code for all qualified property.

In 1977, FERC issued an order for ratemaking purposes requiring the use of the "Comprehensive Interperiod Allocation of Income Taxes" method of normalization, [hereinafter referred to as the FERC Comprehensive Full Normalization Method] as described below.

This FERC Comprehensive Full Normalization Method was designed to normalize all tax differences attributable to the use of different accounting methods for book and tax purposes in 1977 and subsequent years. Under this procedure, the federal tax expense used to determine cost of service for ratemaking purposes and for reflecting operating results in the taxpayer's regulated books of account is computed by using the same accounting methods used to compute depreciation expense for ratemaking purposes. Therefore, in computing tax expense for ratemaking purposes, items such as interest, taxes, etc., are capitalized rather than deducted as current expense; and a depreciation deduction equal to the taxpayer's depreciation expense for ratemaking purposes (determined by using a depreciable basis that included capitalized expenses such as interest, taxes, etc.) and a depreciation rate based on the use of a straight line depreciation method and useful lives equal to book lives are used.

Because the FERC Comprehensive Full Normalization Method applies to property placed in service before 1977, when some or all book-tax differences had been flowed through to ratepayers, it also requires an annual addback to the cost of service, which is designed to generally offset the effect of normalizing with respect to property previously accounted for under a flow-through method. This annual addback is computed as follows:

(1) The remaining tax basis of all the taxpayer's plant is subtracted from the remaining book basis of such plant at the time the FERC Comprehensive Full Normalization Method is adopted.

(2) The amounts added to the deferred tax reserve before 1977 are divided by the tax rates for the years in which such additions were made to the reserve.

(3) To compute the amount of deductions previously flowed through to ratepayers, the amounts arrived at in step (2) are subtracted from the amount arrived at in step (1).

(4) The amount of previously flowed through deductions computed in step (3) is then allocated to 1977 and later years by dividing such amount by the approximate remaining book life (in years) of all plant then in service.

(5) For each of the years to which an amount is allocated in step (4), the tax attributable to the allocated amount is included as an additional tax expense; thereby, the amounts to be added to the deferred tax reserve in such years are increased.

LAW AND ANALYSIS

For public utility property placed in service before January 1, 1970, section 167(l)(1) of the Code dictates that, if the taxpayer has been using accelerated depreciation and has been normalizing its deferred taxes, it can continue to use accelerated depreciation only if it continues to normalize with respect to that property. If the taxpayer has been using accelerated depreciation and flowing through to its ratepayers the benefits of the tax deferral, it is required to continue to do so with respect to that property unless the appropriate regulatory agency permits it to change. For property placed in service after December 31, 1969, section 167(l)(2) provides that if the taxpayer has been using a flow-through method with respect to its pre-1970 property of the same (or similar) kind most recently placed in service, it should continue to use accelerated depreciation and flow-through unless the regulatory agency permits it to change. In all other cases, the taxpayer may use accelerated depreciation only if it normalizes the deferred income taxes.

Section 167(l)(3)(G) of the Code and section 1.167(l)-1(h)(1)(i) of the Income Tax Regulations specify that to qualify as using a normalization method of accounting with respect to public utility property, the taxpayer must use the same method of depreciation to compute both its tax expense and its depreciation expense for purposes of establishing its cost of service for ratemaking purposes and for reflecting operating results on its regulated books of account; and if the taxpayer uses a different method for purposes of claiming depreciation on its tax return, it must make adjustments to a reserve to reflect the total amount of federal income tax deferral resulting from the use of such different methods of depreciation with respect to all its public utility property (other than property for which flow-through accounting is used).

Section 1.167(l)-1(h)(1)(i)(b) of the regulations requires the taxpayer who normalizes to make adjustments to its deferred tax reserve to reflect the total deferral of federal income tax liability with respect to all its public utility property (other than property for which flow-through accounting is being used) resulting from its use for tax purposes of a different method of depreciation than it uses for ratemaking and book purposes. Section 1.167(l)-1(h)(1)(iii) specifies that the amount of federal income tax deferred is the excess of the amount the tax liability would have been had a subsection (l) method (generally, a straight line method) been used over the amount of the actual tax liability.

The FERC Comprehensive Full Normalization Method requires that adjustments to a deferred tax reserve be made for the effects of all book-tax differences, not simply those differences for which adjustments are required by the section 167(l) regulations. Furthermore, this method provides for normalization with respect to all the taxpayer's public utility property, including property that had previously been accounted for under a flow-through method.

Section 1.167(l)-1(a)(1) of the regulations specifically states that the section 167(l) regulations do not pertain to other book-tax timing differences with respect to State income taxes, F.I.C.A. taxes, construction costs, or any other taxes and items. Thus, the requirement of the FERC Comprehensive Full Normalization Method for

normalization of book-tax timing differences other than those covered by section 167(l) of the Code has no bearing upon whether the method satisfies the requirements of section 167(l) and the regulations thereunder. Furthermore, because the amount of deferral attributable to nonsection 167(l) differences is unrelated to the amount of deferral caused by section 167(l) differences and because full normalization, *i.e.*, the normalization of all book-tax timing differences, necessarily includes the normalization of those book-tax differences addressed by section 167(l), and use of the FERC Comprehensive Full Normalization Method with respect to public utility property placed in service after such normalization method is adopted does not result in violation of section 167(l).

However, the FERC Comprehensive Full Normalization Method goes beyond requiring prospective full normalization of all book-tax timing differences. It requires taxpayers to normalize not only book-tax differences for assets placed in service after the adoption of such method but also for assets placed in service when normalization was not required or when normalization of only some book-tax timing differences was required.

The FERC Comprehensive Full Normalization Method does not compute the amount of federal tax deferral with respect to any particular asset or class of assets, as would normally be done in computing under section 1.167(l)-1(h)(1)(i) of the regulations the amount of federal income tax deferral. Rather, it focuses on the total plant investment. By computing the annual additions to the deferred tax reserve on the basis of the annual aggregate differences between book and tax depreciation for the entire plant, full normalization with respect to property concerning which flow-through accounting has previously been used allows current deductions to the deferred tax reserve with respect to property for which book depreciation now exceeds tax depreciation even though no amounts were added to the reserve when tax depreciation was higher than book depreciation because such differences were flowed through to ratepayers. However, the method attempts to counter the effects of having flowed through prior book-tax differences rather than having normalized them by providing for the addback, which increases the tax expense for ratemaking purposes during the remaining book life of all the taxpayer's plant.

Were it not for addback, it is apparent that the annual adjustments would cause the deferred tax account balance to be reduced in violation of section 1.167(l)-1(h)(2)(i) of the regulations (unless additions to the account with respect to nonsection 167(l) book-tax differences made up for this deficit). However, if the previously flowed through amounts were added back at a rate assuring that sufficient amounts were added annually to counteract the effect of normalizing for property for which benefits had been previously flowed through, the FERC Comprehensive Full Normalization Method would be acceptable, since the annual additions to the deferred tax account would equal on a composite basis the amount required by section 167(l) of the Code and the amount needed to normalize all other book-tax timing differences. But the period for amortizing the addback is the average remaining useful life of the entire plant while the period for which differences must be accounted for under Section 1.167(l)-1(h)(1) of the regulations will normally differ depending upon the type and vintage year of the particular assets for which accelerated depreciation has been claimed. Because of this, the FERC Comprehensive Full Normalization does not assure that the addback period will properly correlate to the period for which adjustments are required under section 167(l).

If the addback in a given year for previously flowed-through amounts were too low, the addition to the deferred tax account for that year with respect to section 167(l) differences would be less than the required amount. This would cause a reduction of the deferred tax account for reasons other than those specified in section 1.167(l)-1(h)(2)(i) of the regulations and, because of this violation of section 167(l), the taxpayer would lose the right to use accelerated depreciation.

Therefore, to assure that section 167(l) of the Code is not violated in a particular case by the use of the FERC Comprehensive Full Normalization Method, a taxpayer who previously used flow-through accounting must compute, during each year in which an addback is required, the minimum addition required by section 167(l). This is done by calculating for each public utility property the difference between accelerated depreciation taken on the taxpayer's return and the amount that would have been taken as depreciation if the taxpayer had used a straight line method instead. The amount that would have been taken as straight line depreciation should be computed by reference to the tax basis, not the book basis, of the property at the time that normalization was adopted with respect to the property. For each year in which an addback is required, the balance in the deferred tax reserve must equal or exceed the amount that would have been in the account if only book-tax differences addressed by section 167(l) had been normalized.

HOLDING

The public utility taxpayer will not be denied the use of accelerated methods of depreciation when it complies with an order from FERC to prospectively normalize all differences between book and tax accounting (full normalization) rather than only the difference between accelerated and straight line depreciation. However, if a taxpayer is normalizing with respect to property previously accounted for under a flow-through method, the taxpayer will meet the requirements of section 167(l) of the Code if the balance in its deferred tax account equals or exceeds the amount that would have been in the account if only book-tax differences addressed by section 167(l) had been normalized.

Summary of Tax and Straight Line Depreciation and Deferred Taxes
1974 Vintage Property

2-12-04; 3:08AM; AQUILA MO ELECTRIC

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Utility	Property Description	Tax Depr Rate	SL Depr Rate	Deferred Rate		Tax Year	Tax Depr	SL Depr	Difference	Deferred Taxes		Deferred Taxes Total
				Federal	State					Federal	State	
1	49.13; Steam Production	0.00000	0.03571	0.44697	0.02762	1997	0	26,935	(26,935)	(12,039)	(744)	(12,783)
1	49.14; Trans-Distribution	0.75000	0.03333	0.44596	0.02767	1997	40,619	272,039	(231,420)	(103,205)	(6,403)	(109,608)
1	Buildings	0.03333	0.02222	0.44730	0.02760	1997	8,305	9,605	(1,300)	(581)	(36)	(617)
1	Equipment	0.00000	0.00000	0.44730	0.02760	1997	0	0	0	0	0	0
TOTAL ELECTRIC							48,924	308,579	(259,655)	(115,825)	(7,183)	(123,008)
2	49.21; Distribution	0.30560	0.02864	0.44077	0.02801	1997	7,658	16,104	(8,446)	(3,723)	(236)	(3,959)
2	49.24; Transmission	0.00000	0.00000	0.44730	0.02760	1997	0	0	0	0	0	0
TOTAL GAS							7,658	16,104	(8,446)	(3,723)	(236)	(3,959)
8	Buildings	0.03333	0.02222	0.44730	0.02760	1997	9,463	10,489	(1,026)	(459)	(28)	(487)
TOTAL COMMON							9,463	10,489	(1,026)	(459)	(28)	(487)
TOTAL 1974 VINTAGE							66,045	335,172	(269,127)	(120,007)	(7,447)	(127,454)

VINTAGE 1976 1974

Utility	Tax Class	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Deferred Rate Year	Tax Depr	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1974	33,523	13,487	20,056	8,971	554	9,525	8,971	554	9,525	9,525	720,734	754,257	33,523	13,487
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1975	64,096	26,935	37,131	19,609	1,025	17,634	25,560	1,579	27,159	27,159	656,668	754,257	97,589	40,402
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1976	59,691	26,935	32,756	14,652	904	15,556	40,232	2,483	42,715	42,715	596,977	754,257	157,280	67,337
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1977	56,832	26,935	29,897	13,373	826	14,198	53,605	3,308	56,913	56,913	540,145	754,257	214,112	84,272
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1978	54,015	26,935	27,080	12,113	747	12,860	65,718	4,055	69,773	69,773	486,130	754,257	268,127	121,207
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1979	48,322	26,935	21,387	9,566	669	11,518	76,567	4,724	81,291	81,291	434,841	754,257	319,316	148,142
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1980	45,466	26,935	18,531	8,289	511	8,800	94,422	5,314	99,736	99,736	386,619	754,257	367,638	175,077
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1981	42,644	26,935	15,709	7,027	434	7,461	101,449	5,825	107,274	107,274	341,153	754,257	413,104	202,012
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1982	39,791	26,935	12,856	5,750	355	6,105	107,189	6,614	113,803	113,803	298,509	754,257	455,539	255,862
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1983	36,971	26,935	10,036	4,489	277	4,766	111,888	6,891	118,779	118,779	258,718	754,257	532,510	282,817
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1984	34,105	26,935	7,170	3,207	198	3,405	114,895	7,089	121,984	121,984	187,842	754,257	586,615	309,752
1	49.13; Steam Product	0.08989	0.03571	0.447300	0.027600	1985	31,280	26,935	4,345	1,944	120	2,064	116,839	7,269	124,108	124,108	156,362	754,257	597,895	336,687
1	49.13; Steam Product	0.08989	0.03571	0.387800	0.030800	1986	28,427	26,935	1,492	579	46	625	117,418	7,255	124,673	124,673	127,935	754,257	626,322	363,822
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1987	25,587	26,935	(1,346)	(603)	(37)	(640)	116,815	7,218	124,033	124,033	102,348	754,257	651,909	390,557
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1988	22,742	26,935	(4,193)	(1,874)	(116)	(1,990)	114,941	7,102	122,043	122,043	78,608	754,257	674,551	417,492
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1989	19,902	26,935	(7,033)	(3,144)	(194)	(3,338)	111,797	6,908	118,705	118,705	59,704	754,257	694,553	444,427
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1990	17,057	26,935	(9,878)	(4,415)	(273)	(4,688)	107,382	6,635	114,017	114,017	42,847	754,257	711,610	471,362
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1991	14,214	26,935	(12,721)	(5,686)	(430)	(6,037)	101,686	6,284	107,970	107,970	28,433	754,257	725,824	498,287
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1992	11,373	26,935	(15,562)	(6,956)	(508)	(7,386)	94,740	5,854	100,594	100,594	17,060	754,257	737,197	525,232
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1993	8,530	26,935	(18,405)	(8,226)	(508)	(8,734)	88,514	5,348	93,862	93,862	8,530	754,257	745,727	552,187
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1994	5,687	26,935	(21,248)	(9,497)	(587)	(10,084)	77,017	4,759	81,776	81,776	2,843	754,257	751,414	579,102
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1995	2,843	26,935	(24,092)	(10,768)	(665)	(11,433)	66,249	4,094	70,343	70,343	0	754,257	754,257	606,037
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1996	0	26,935	(26,935)	(12,039)	(744)	(12,783)	54,210	3,350	57,560	57,560	0	754,257	754,257	632,872
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1997	0	26,935	(26,935)	(12,039)	(744)	(12,783)	42,111	2,808	44,919	44,919	0	754,257	754,257	658,807
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1998	0	26,935	(26,935)	(12,039)	(744)	(12,783)	30,132	1,862	31,994	31,994	0	754,257	754,257	686,842
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	1999	0	26,935	(26,935)	(12,039)	(744)	(12,783)	18,093	1,118	19,211	19,211	0	754,257	754,257	713,777
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	2000	0	26,935	(26,935)	(12,039)	(744)	(12,783)	6,084	374	6,458	6,458	0	754,257	754,257	740,712
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	2001	0	26,935	(26,935)	(12,039)	(744)	(12,783)	0	0	0	0	0	754,257	754,257	754,257
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	2002	0	13,545	(13,545)	(6,054)	(374)	(6,428)	0	0	0	0	0	754,257	754,257	754,257
1	49.13; Steam Product	0.08989	0.03571	0.446966	0.027617	2003	0	0	0	0	0	0	0	0	0	0	0	754,257	754,257	754,257
										754,257	754,257	0	0	0	0	0	0	0	0	

VINTAGE 1975 1974

Utility	Tax Class	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Depr	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr
1	Buildings	0.04444	0.02222	0.447300	0.027600	18,783	9,605	4,803	4,802	2,148	133	2,281	2,148	133	2,281	422,865	432,270	9,605	4,803
1	Buildings	0.04444	0.02222	0.447300	0.027600	18,134	9,605	9,178	4,105	4,105	253	4,358	6,253	366	6,619	403,882	432,270	28,388	14,408
1	Buildings	0.04480	0.02222	0.447300	0.027600	17,744	9,605	8,828	3,815	3,815	235	4,050	10,088	621	10,709	365,748	432,270	46,522	24,013
1	Buildings	0.04600	0.02222	0.447300	0.027600	12,266	9,605	2,661	3,641	3,641	225	3,866	13,709	846	14,555	368,004	432,270	64,266	33,618
1	Buildings	0.03333	0.02222	0.447300	0.027600	11,857	9,605	2,252	1,007	1,263	73	1,263	14,899	919	15,818	355,738	432,270	76,532	43,223
1	Buildings	0.03333	0.02222	0.447300	0.027600	11,462	9,605	1,857	831	1,027	62	1,069	15,905	981	16,887	343,881	432,270	88,389	52,828
1	Buildings	0.03333	0.02222	0.447300	0.027600	11,080	9,605	1,475	660	701	51	752	16,737	1,032	17,769	332,419	432,270	99,851	62,433
1	Buildings	0.03333	0.02222	0.447300	0.027600	10,710	9,605	1,105	494	524	41	565	17,397	1,073	18,470	321,339	432,270	110,931	72,038
1	Buildings	0.03333	0.02222	0.447300	0.027600	10,353	9,605	748	335	356	21	377	18,226	1,103	19,329	310,629	432,270	121,841	81,643
1	Buildings	0.03333	0.02222	0.447300	0.027600	10,008	9,605	403	180	191	11	202	18,406	1,135	19,541	290,268	432,270	142,002	100,853
1	Buildings	0.03333	0.02222	0.447300	0.027600	9,675	9,605	70	31	33	2	35	18,437	1,137	19,574	280,593	432,270	151,877	110,458
1	Buildings	0.03333	0.02222	0.447300	0.027600	9,352	9,605	(253)	(113)	(120)	(7)	(127)	18,324	1,130	19,454	271,241	432,270	161,029	120,063
1	Buildings	0.03333	0.02222	0.447300	0.027600	9,040	9,605	(565)	(253)	(289)	(16)	(305)	18,071	1,114	19,185	262,201	432,270	170,069	129,668
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,739	9,605	(866)	(387)	(411)	(24)	(435)	17,684	1,090	18,774	253,462	432,270	178,908	139,273
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,448	9,605	(1,157)	(518)	(550)	(32)	(582)	17,166	1,058	18,224	245,014	432,270	187,258	148,878
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(38)	(655)	16,585	1,022	17,607	236,708	432,270	195,561	158,483
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	16,004	986	16,990	228,404	432,270	203,866	168,088
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	15,423	950	16,373	220,098	432,270	212,171	177,693
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	14,842	914	15,756	211,794	432,270	220,476	187,298
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	14,261	878	15,139	203,489	432,270	228,781	196,903
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	13,680	842	14,522	195,184	432,270	237,086	206,508
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	13,099	806	13,905	186,878	432,270	245,391	216,113
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	12,518	770	13,288	178,574	432,270	253,896	225,718
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	11,937	734	12,671	170,269	432,270	262,001	235,323
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	11,356	698	12,054	161,964	432,270	270,308	244,928
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	10,775	662	11,437	153,659	432,270	278,611	254,533
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	10,194	628	10,822	145,354	432,270	286,816	264,138
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	9,613	590	10,203	137,049	432,270	295,221	273,743
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	9,032	554	9,586	128,744	432,270	303,526	283,346
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	8,451	518	8,969	120,439	432,270	311,831	292,953
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	7,870	482	8,352	112,134	432,270	320,136	302,558
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	7,289	446	7,735	103,829	432,270	328,441	312,163
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	6,708	410	7,118	95,524	432,270	336,746	321,788
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	6,127	374	6,501	87,219	432,270	345,051	331,719
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	5,546	338	5,884	78,914	432,270	353,356	340,978
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	4,965	302	5,267	70,609	432,270	361,661	350,583
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	4,384	266	4,650	62,304	432,270	369,966	360,198
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	3,803	230	4,033	53,999	432,270	378,271	369,793
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	3,222	194	3,416	45,684	432,270	386,576	379,388
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	2,641	158	2,799	37,369	432,270	394,881	389,003
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	2,060	122	2,182	29,084	432,270	403,186	398,608
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	1,479	86	1,565	20,778	432,270	411,491	408,213
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	898	50	948	12,474	432,270	419,796	417,874
1	Buildings	0.03333	0.02222	0.447300	0.027600	8,305	9,605	(1,300)	(581)	(617)	(36)	(653)	317	14	331	4,169	432,270	428,101	427,423

VINTAGE 1975 1974

Utility	Tax Class	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Year	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr	
1	Buildings	0.03333	0.02222	0.447300	0.027600	2019	4,169	4,847	(678)	(303)	(19)	(322)	14	(5)	9	0	432,270	432,270	432,270	
							432,270	432,270	0	14	(5)	9								

VINTAGE 1975-1974

Utility	Tax Class	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Year	Tax Depr	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr
1	Equipment	0.16667	0.08333	0.447300	0.027600	1974	6,254	3,127	3,127	0	1,399	86	1,485	1,399	86	1,485	68,789	75,043	6,254	3,127
1	Equipment	0.16667	0.08333	0.447300	0.027600	1975	11,465	5,212	2,331	144	2,331	144	2,475	3,730	230	3,960	57,324	75,043	17,719	9,360
1	Equipment	0.16667	0.08333	0.447300	0.027600	1976	9,554	3,301	1,477	91	1,477	91	1,568	5,707	321	6,028	47,770	75,043	27,273	15,633
1	Equipment	0.16667	0.08333	0.447300	0.027600	1977	7,962	1,708	764	47	764	47	811	5,871	368	6,239	39,808	75,043	35,235	21,866
1	Equipment	0.16667	0.08333	0.447300	0.027600	1978	6,635	362	171	11	324	(20)	182	6,142	378	6,521	33,173	75,043	41,870	28,199
1	Equipment	0.16667	0.08333	0.447300	0.027600	1979	5,529	(724)	(324)	(20)	(344)	(344)	(344)	5,918	359	6,277	27,644	75,043	47,399	34,352
1	Equipment	0.16667	0.08333	0.447300	0.027600	1980	4,607	(1,646)	(736)	(45)	(781)	(781)	(781)	5,082	314	5,396	23,037	75,043	52,006	40,645
1	Equipment	0.16667	0.08333	0.447300	0.027600	1981	4,189	(2,064)	(923)	(57)	(980)	(980)	(980)	4,159	257	4,416	18,848	75,043	56,195	46,898
1	Equipment	0.16667	0.08333	0.447300	0.027600	1982	4,188	(2,065)	(923)	(57)	(980)	(980)	(980)	3,235	200	3,435	14,860	75,043	60,383	53,151
1	Equipment	0.16667	0.08333	0.447300	0.027600	1983	4,189	(2,064)	(923)	(57)	(980)	(980)	(980)	2,312	143	2,455	10,471	75,043	68,572	59,404
1	Equipment	0.16667	0.08333	0.447300	0.027600	1984	4,189	(2,064)	(923)	(57)	(980)	(980)	(980)	1,388	86	1,474	6,283	75,043	72,949	71,910
1	Equipment	0.16667	0.08333	0.447300	0.027600	1985	4,189	(2,064)	(923)	(57)	(980)	(980)	(980)	465	28	494	2,094	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1986	2,084	(1,039)	(465)	(29)	(494)	(494)	(494)	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1987	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1988	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1989	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1990	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1991	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1992	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1993	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1994	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1995	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1996	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1997	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1998	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300	0.027600	1999	0	0	0	0	0	0	0	0	0	0	0	75,043	75,043	75,043
1	Equipment	0.16667	0.08333	0.447300																

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Utility	Tax Class	Tax Rate	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Year	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr
2	49.21; Distribution	0.07143	#####	#####	0.447300	0.027600	1974	20,086	8,034	12,052	5,391	333	5,724	5,391	333	5,724	542,303	562,389	20,086	8,034
2	49.21; Distribution	0.07143	#####	#####	0.447300	0.027600	1975	38,737	16,067	22,670	10,140	628	10,766	15,531	959	16,490	603,566	58,823	58,823	24,101
2	49.21; Distribution	0.07270	#####	#####	0.447300	0.027600	1976	36,609	16,067	20,542	9,188	567	9,755	24,719	1,526	26,245	468,957	95,432	95,432	40,168
2	49.21; Distribution	0.07540	#####	#####	0.447300	0.027600	1977	35,209	16,067	19,142	8,562	528	9,090	33,281	2,054	35,335	431,748	130,641	130,641	56,235
2	49.21; Distribution	0.07840	#####	#####	0.447300	0.027600	1978	33,649	16,067	17,582	7,954	461	8,445	41,235	2,545	43,780	397,898	164,490	164,490	72,302
2	49.21; Distribution	0.08160	#####	#####	0.447300	0.027600	1979	32,469	16,067	16,402	7,337	453	7,790	48,572	2,988	51,570	365,430	196,859	196,859	88,369
2	49.21; Distribution	0.08510	#####	#####	0.447300	0.027600	1980	29,880	15,583	14,297	6,395	395	6,790	54,967	3,383	58,350	335,560	228,839	228,839	103,952
2	49.21; Distribution	0.08880	#####	#####	0.447300	0.027600	1981	28,528	15,583	12,943	5,789	357	6,146	60,756	3,750	64,506	307,024	255,365	255,365	119,539
2	49.21; Distribution	0.09300	#####	#####	0.447300	0.027600	1982	28,553	16,104	12,448	5,568	344	5,912	66,324	4,094	70,418	278,471	283,918	283,918	135,639
2	49.21; Distribution	0.09750	#####	#####	0.447300	0.027600	1983	27,151	16,104	11,047	4,941	305	5,246	71,265	4,399	75,664	261,320	311,059	311,059	151,743
2	49.21; Distribution	0.10250	#####	#####	0.447300	0.027600	1984	25,760	16,104	9,656	4,319	287	4,586	79,277	4,894	84,171	201,200	336,829	336,829	183,951
2	49.21; Distribution	0.10800	#####	#####	0.447300	0.027600	1985	24,360	16,104	8,258	3,693	228	3,921	82,351	5,084	87,435	178,223	384,166	384,166	200,055
2	49.21; Distribution	0.11420	#####	#####	0.447300	0.027600	1986	22,977	16,104	6,873	3,074	190	3,264	82,351	5,084	87,435	178,223	405,749	405,749	216,159
2	49.21; Distribution	0.12110	#####	#####	0.387800	0.030600	1987	21,593	16,104	5,479	2,123	168	2,293	85,019	5,389	89,728	156,640	425,940	425,940	232,263
2	49.21; Distribution	0.12890	#####	#####	0.328600	0.033600	1988	20,181	16,104	4,087	1,343	137	1,480	85,019	5,389	89,728	156,640	444,743	444,743	248,367
2	49.21; Distribution	0.13780	#####	#####	0.328600	0.033600	1989	18,903	16,104	2,800	887	81	978	88,708	5,480	92,166	117,646	462,143	462,143	264,471
2	49.21; Distribution	0.14790	#####	#####	0.325100	0.043900	1990	17,400	16,104	1,296	421	57	478	87,127	5,537	92,664	100,246	478,152	478,152	280,575
2	49.21; Distribution	0.15970	#####	#####	0.440766	0.028011	1991	16,009	16,104	(85)	(31)	(3)	(34)	87,096	5,534	92,630	84,237	492,776	492,776	296,679
2	49.21; Distribution	0.17360	#####	#####	0.440766	0.028011	1992	14,524	16,104	(1,480)	(652)	(41)	(693)	86,444	5,493	91,937	69,813	478,152	478,152	312,783
2	49.21; Distribution	0.19000	#####	#####	0.440766	0.028011	1993	13,228	16,104	(2,878)	(1,269)	(80)	(1,349)	85,175	5,413	90,588	56,387	508,002	508,002	328,887
2	49.21; Distribution	0.20990	#####	#####	0.440766	0.028011	1994	11,836	16,104	(4,268)	(1,881)	(119)	(2,000)	83,294	5,294	88,588	44,551	517,838	517,838	344,991
2	49.21; Distribution	0.23440	#####	#####	0.440766	0.028011	1995	10,443	16,104	(5,661)	(2,485)	(158)	(2,653)	80,799	5,138	85,935	34,108	528,281	528,281	361,095
2	49.21; Distribution	0.26530	#####	#####	0.440766	0.028011	1996	9,049	16,104	(7,055)	(3,110)	(197)	(3,307)	77,689	4,939	82,628	25,059	537,330	537,330	377,199
2	49.21; Distribution	0.30560	#####	#####	0.440766	0.028011	1997	7,558	16,104	(8,446)	(3,723)	(236)	(3,959)	73,966	4,703	78,669	17,401	544,888	544,888	393,303
2	49.21; Distribution	0.36000	#####	#####	0.440766	0.028011	1998	6,264	16,104	(9,840)	(4,337)	(275)	(4,612)	69,828	4,428	74,256	11,137	554,522	554,522	409,407
2	49.21; Distribution	0.43750	#####	#####	0.440766	0.028011	1999	4,872	16,104	(12,823)	(4,951)	(313)	(5,264)	64,678	4,115	68,793	6,265	558,124	558,124	425,511
2	49.21; Distribution	0.55560	#####	#####	0.440766	0.028011	2000	3,481	16,104	(14,018)	(6,178)	(391)	(6,569)	52,038	3,372	55,410	698	562,389	562,389	441,615
2	49.21; Distribution	1.00000	#####	#####	0.440766	0.028011	2002	2,088	16,104	(15,408)	(7,952)	(430)	(7,222)	46,144	2,942	49,086	0	562,389	562,389	473,823
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2003	0	16,104	(16,104)	(7,059)	(449)	(7,548)	39,045	2,493	41,538	0	562,389	562,389	489,927
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2004	0	16,104	(16,104)	(7,059)	(449)	(7,548)	31,946	2,044	33,990	0	562,389	562,389	508,031
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2005	0	16,104	(16,104)	(7,059)	(449)	(7,548)	24,847	1,595	26,442	0	562,389	562,389	522,135
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2006	0	16,104	(16,104)	(7,059)	(449)	(7,548)	17,748	1,146	18,894	0	562,389	562,389	538,238
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2007	0	16,104	(16,104)	(7,059)	(449)	(7,548)	10,649	697	11,346	0	562,389	562,389	554,343
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2008	0	16,104	(16,104)	(7,059)	(449)	(7,548)	3,550	248	3,798	0	562,389	562,389	562,389
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2009	0	16,104	(8,046)	(3,547)	(224)	(3,771)	3	24	27	0	562,389	562,389	562,389
2	49.21; Distribution	0.00000	#####	#####	0.440766	0.028011	2009	0	16,104	(8,046)	(3,547)	(224)	(3,771)	3	24	27	0	562,389	562,389	562,389

VINTAGE 1974 1974

Utility	Tax Class	Tax Depr Rate	SI Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Year	Tax Depr	SI Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr																	
2	49.24; Transmission	0.11429	#####	0.447300	0.027600	1974	1,580	628	952	428	26	452	428	26	452	26,067	27,647	1,580	628																	
2	49.24; Transmission	0.11429	#####	0.447300	0.027600	1975	2,978	1,257	1,722	770	48	818	1,196	74	1,270	23,088	27,647	4,559	1,885																	
2	49.24; Transmission	0.11760	#####	0.447300	0.027600	1976	2,715	1,257	1,458	652	40	692	1,848	114	1,962	20,373	27,647	7,274	3,142																	
2	49.24; Transmission	0.12500	#####	0.447300	0.027600	1977	2,547	1,257	1,290	577	38	613	2,425	150	2,575	17,828	27,647	9,821	4,359																	
2	49.24; Transmission	0.13330	#####	0.447300	0.027600	1978	2,378	1,257	1,119	501	31	532	2,926	181	3,107	15,480	27,647	12,197	5,656																	
2	49.24; Transmission	0.14290	#####	0.447300	0.027600	1978	2,203	1,257	951	425	26	451	3,351	207	3,558	13,242	27,647	14,405	6,913																	
2	49.24; Transmission	0.15380	#####	0.447300	0.027600	1980	2,037	1,257	780	349	22	371	3,700	229	3,929	11,205	27,647	16,442	8,170																	
2	49.24; Transmission	0.16670	#####	0.447300	0.027600	1981	1,868	1,257	611	273	17	280	3,873	246	4,219	9,337	27,647	18,310	9,427																	
2	49.24; Transmission	0.18180	#####	0.447300	0.027600	1982	1,698	1,257	441	197	12	209	4,170	258	4,428	7,839	27,647	20,008	10,684																	
2	49.24; Transmission	0.20000	#####	0.447300	0.027600	1983	1,528	1,257	271	121	7	128	4,291	265	4,556	6,111	27,647	21,536	11,941																	
2	49.24; Transmission	0.22220	#####	0.447300	0.027600	1984	1,358	1,257	101	45	3	48	4,306	268	4,574	4,753	27,647	22,894	13,198																	
2	49.24; Transmission	0.25000	#####	0.447300	0.027600	1985	1,189	1,257	(68)	(30)	(2)	(32)	4,306	268	4,572	3,564	27,647	24,083	14,455																	
2	49.24; Transmission	0.28570	#####	0.447300	0.027600	1986	1,018	1,257	(239)	(107)	(7)	(114)	4,198	259	4,458	2,546	27,647	25,101	15,712																	
2	49.24; Transmission	0.33330	#####	0.447300	0.027600	1987	849	1,257	(408)	(182)	(11)	(193)	4,017	248	4,265	1,697	27,647	26,850	16,989																	
2	49.24; Transmission	0.40000	#####	0.447300	0.027600	1988	679	1,257	(578)	(259)	(16)	(275)	3,759	232	3,990	1,018	27,647	28,829	18,226																	
2	49.24; Transmission	0.50000	#####	0.447300	0.027600	1989	508	1,257	(748)	(335)	(21)	(356)	3,423	211	3,634	508	27,647	27,138	19,483																	
2	49.24; Transmission	0.66670	#####	0.447300	0.027600	1990	339	1,257	(916)	(411)	(25)	(436)	3,012	186	3,198	170	27,647	27,477	20,740																	
2	49.24; Transmission	1.00000	#####	0.447300	0.027600	1991	170	1,257	(1,087)	(485)	(30)	(516)	2,526	166	2,682	0	27,647	27,647	21,987																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1992	0	1,257	(1,257)	(562)	(35)	(597)	1,984	121	2,085	0	27,647	27,647	23,254																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1993	0	1,257	(1,257)	(562)	(35)	(597)	1,402	86	1,488	0	27,647	27,647	24,511																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1994	0	1,257	(1,257)	(562)	(35)	(597)	640	51	891	0	27,647	27,647	25,768																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1995	0	1,257	(1,257)	(562)	(35)	(597)	278	16	294	0	27,647	27,647	27,025																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1996	0	622	(622)	(278)	(17)	(295)	0	(1)	(1)	0	27,647	27,647	27,647																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1997	0	0	0	0	0	0	0	(1)	(1)	0	27,647	27,647	27,647																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1998	0	0	0	0	0	0	0	(1)	(1)	0	27,647	27,647	27,647																	
2	49.24; Transmission	0.00000	#####	0.447300	0.027600	1999	0	0	0	0	0	0	0	(1)	(1)	0	27,647	27,647	27,647																	
<table border="1"> <tr> <td>27,647</td> <td>27,647</td> <td>27,647</td> <td>0</td> </tr> </table>																	27,647	27,647	27,647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27,647	27,647	27,647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																	

VINTAGE 1975-1974

Utility	Tax Class	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Year	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr
8	Buildings	0.03333	0.02222	0.447300	0.027600	1974	7,867	5,244	2,623	1,173	72	1,245	1,173	72	1,245	484,177	472,044	7,867	5,244
8	Buildings	0.03333	0.02222	0.447300	0.027600	1975	15,471	10,489	4,982	2,228	135	2,366	3,401	210	3,611	448,708	472,044	23,338	15,733
8	Buildings	0.03333	0.02222	0.447300	0.027600	1976	14,955	10,489	4,466	1,998	123	2,121	5,399	333	5,732	433,751	472,044	38,293	26,222
8	Buildings	0.03333	0.02222	0.447300	0.027600	1977	14,457	10,489	3,968	1,775	110	1,885	7,174	443	7,617	419,294	472,044	52,750	36,711
8	Buildings	0.03333	0.02222	0.447300	0.027600	1978	13,975	10,489	3,486	1,559	96	1,655	8,733	539	9,272	405,319	472,044	66,725	47,200
8	Buildings	0.03333	0.02222	0.447300	0.027600	1979	13,508	10,489	3,020	1,351	83	1,434	10,084	622	10,706	391,310	472,044	80,234	57,689
8	Buildings	0.03333	0.02222	0.447300	0.027600	1980	13,059	10,489	2,570	1,150	71	1,221	11,234	693	11,927	378,751	472,044	93,293	68,178
8	Buildings	0.03333	0.02222	0.447300	0.027600	1981	12,624	10,489	2,135	955	59	1,014	12,188	752	12,940	366,127	472,044	105,917	78,657
8	Buildings	0.03333	0.02222	0.447300	0.027600	1982	12,203	10,489	1,714	767	47	814	12,958	799	13,757	353,924	472,044	118,120	89,156
8	Buildings	0.03333	0.02222	0.447300	0.027600	1983	11,796	10,489	1,307	585	36	621	13,541	835	14,376	342,128	472,044	129,916	99,645
8	Buildings	0.03333	0.02222	0.447300	0.027600	1984	11,403	10,489	914	434	25	434	13,950	860	14,810	330,725	472,044	141,319	110,134
8	Buildings	0.03333	0.02222	0.447300	0.027600	1985	11,023	10,489	534	239	15	254	14,189	875	15,064	319,702	472,044	152,342	120,623
8	Buildings	0.03333	0.02222	0.447300	0.027600	1986	10,656	10,489	167	75	5	80	14,264	880	15,144	309,046	472,044	162,998	131,112
8	Buildings	0.03333	0.02222	0.447300	0.027600	1987	10,301	10,489	(84)	(84)	(5)	(89)	14,180	875	15,055	288,745	472,044	173,299	141,601
8	Buildings	0.03333	0.02222	0.447300	0.027600	1988	9,957	10,489	(238)	(238)	(15)	(253)	13,942	860	14,802	288,788	472,044	182,090	152,579
8	Buildings	0.03333	0.02222	0.447300	0.027600	1989	9,625	10,489	(366)	(366)	(24)	(410)	13,556	836	14,392	279,163	472,044	192,981	162,579
8	Buildings	0.03333	0.02222	0.447300	0.027600	1990	9,301	10,489	(459)	(459)	(28)	(487)	13,087	808	13,895	269,700	472,044	202,344	173,068
8	Buildings	0.03333	0.02222	0.447300	0.027600	1991	8,983	10,489	(526)	(526)	(28)	(554)	12,638	780	13,418	260,237	472,044	211,907	183,557
8	Buildings	0.03333	0.02222	0.447300	0.027600	1992	8,663	10,489	(598)	(598)	(26)	(624)	12,179	752	12,931	250,774	472,044	221,270	194,046
8	Buildings	0.03333	0.02222	0.447300	0.027600	1993	8,343	10,489	(670)	(670)	(25)	(724)	11,720	724	12,444	241,311	472,044	230,733	204,535
8	Buildings	0.03333	0.02222	0.447300	0.027600	1994	8,023	10,489	(742)	(742)	(24)	(766)	11,261	696	11,957	231,848	472,044	240,198	215,024
8	Buildings	0.03333	0.02222	0.447300	0.027600	1995	7,703	10,489	(814)	(814)	(23)	(837)	10,802	668	11,470	222,395	472,044	249,659	225,513
8	Buildings	0.03333	0.02222	0.447300	0.027600	1996	7,383	10,489	(886)	(886)	(22)	(908)	10,343	640	10,983	212,922	472,044	259,122	235,002
8	Buildings	0.03333	0.02222	0.447300	0.027600	1997	7,063	10,489	(958)	(958)	(21)	(979)	9,884	612	10,496	203,459	472,044	268,585	246,491
8	Buildings	0.03333	0.02222	0.447300	0.027600	1998	6,743	10,489	(1,030)	(1,030)	(20)	(1,050)	9,325	584	10,009	193,988	472,044	278,048	256,980
8	Buildings	0.03333	0.02222	0.447300	0.027600	1999	6,423	10,489	(1,102)	(1,102)	(19)	(1,121)	8,766	556	9,322	184,533	472,044	287,511	267,469
8	Buildings	0.03333	0.02222	0.447300	0.027600	2000	6,103	10,489	(1,174)	(1,174)	(18)	(1,192)	8,207	528	8,735	175,070	472,044	296,974	277,958
8	Buildings	0.03333	0.02222	0.447300	0.027600	2001	5,783	10,489	(1,246)	(1,246)	(17)	(1,263)	7,648	500	8,148	165,607	472,044	306,437	288,936
8	Buildings	0.03333	0.02222	0.447300	0.027600	2002	5,463	10,489	(1,318)	(1,318)	(16)	(1,334)	7,089	472	7,561	156,144	472,044	315,900	299,425
8	Buildings	0.03333	0.02222	0.447300	0.027600	2003	5,143	10,489	(1,390)	(1,390)	(15)	(1,405)	6,530	444	6,974	146,681	472,044	325,363	309,425
8	Buildings	0.03333	0.02222	0.447300	0.027600	2004	4,823	10,489	(1,462)	(1,462)	(14)	(1,476)	5,971	416	6,387	137,218	472,044	334,828	319,914
8	Buildings	0.03333	0.02222	0.447300	0.027600	2005	4,503	10,489	(1,534)	(1,534)	(13)	(1,547)	5,412	388	5,800	127,755	472,044	344,289	330,403
8	Buildings	0.03333	0.02222	0.447300	0.027600	2006	4,183	10,489	(1,606)	(1,606)	(12)	(1,618)	4,853	360	5,213	118,292	472,044	353,752	340,892
8	Buildings	0.03333	0.02222	0.447300	0.027600	2007	3,863	10,489	(1,678)	(1,678)	(11)	(1,689)	4,294	332	4,626	108,829	472,044	363,215	351,361
8	Buildings	0.03333	0.02222	0.447300	0.027600	2008	3,543	10,489	(1,750)	(1,750)	(10)	(1,760)	3,735	304	4,039	99,366	472,044	372,678	361,870
8	Buildings	0.03333	0.02222	0.447300	0.027600	2009	3,223	10,489	(1,822)	(1,822)	(9)	(1,831)	3,176	276	3,452	89,903	472,044	382,141	372,359
8	Buildings	0.03333	0.02222	0.447300	0.027600	2010	2,903	10,489	(1,894)	(1,894)	(8)	(1,902)	2,617	248	2,865	80,440	472,044	391,604	382,848
8	Buildings	0.03333	0.02222	0.447300	0.027600	2011	2,583	10,489	(1,966)	(1,966)	(7)	(1,973)	2,058	220	2,278	70,977	472,044	401,067	393,337
8	Buildings	0.03333	0.02222	0.447300	0.027600	2012	2,263	10,489	(2,038)	(2,038)	(6)	(2,044)	1,500	192	1,692	61,514	472,044	410,530	403,826
8	Buildings	0.03333	0.02222	0.447300	0.027600	2013	1,943	10,489	(2,110)	(2,110)	(5)	(2,115)	941	164	1,105	52,051	472,044	419,993	414,315
8	Buildings	0.03333	0.02222	0.447300	0.027600	2014	1,623	10,489	(2,182)	(2,182)	(4)	(2,186)	382	136	520	42,588	472,044	429,456	424,804
8	Buildings	0.03333	0.02222	0.447300	0.027600	2015	1,303	10,489	(2,254)	(2,254)	(3)	(2,257)	163	108	271	33,125	472,044	438,919	435,293
8	Buildings	0.03333	0.02222	0.447300	0.027600	2016	1,003	10,489	(2,326)	(2,326)	(2)	(2,328)	1,163	80	1,243	23,662	472,044	448,382	446,392
8	Buildings	0.03333	0.02222	0.447300	0.027600	2017	703	10,489	(2,398)	(2,398)	(1)	(2,399)	704	52	756	14,199	472,044	457,845	456,271
8	Buildings	0.03333	0.02222	0.447300	0.027600	2018	403	10,489	(2,470)	(2,470)	(1)	(2,471)	245	24	269	4,736	472,044	467,308	466,760

VINTAGE 1975 1974

Utility	Tax Class	Tax Depr Rate	SL Depr Rate	Deferred Rate Federal	Deferred Rate State	Tax Year	Tax Depr	SL Depr	Difference	Deferred Taxes Federal	Deferred Taxes State	Deferred Taxes Total	Accum Reserve Federal	Accum Reserve State	Accum Reserve Total	Declined Balance	Tax Basis	Accum Tax Depr	Accum SL Depr
8	Buildings	0.03333	0.02222	0.447300	0.027800	2019	4,736	5,284	(548)	(245)	(15)	(260)	0	9	9	0	0	472,044	472,044
							472,044	472,044	0	0	9	9	0	9	9	0	0	472,044	472,044

MPS
Schedule of Tax & S/L Depreciation and Deferred Taxes
For Pre-1970 thru 1993 Vintages

Electric (Scenario #1):

Vintage	1993 Tax Depr	1993 S/L Depr	Total 1993 Deferred Taxes
Pre-1970	2,548,554	2,548,554	0
1970	169,723	251,263	(38,723)
1971	40,926	170,848	(61,700)
1972	171,769	508,300	(159,818)
1973	165,624	376,308	(100,009)
1974	168,663	308,579	(66,286)
1975	262,752	402,613	(65,956)
1976	238,586	320,329	(38,294)
1977	449,311	569,802	(55,722)
1978	1,196,449	1,372,006	(81,205)
1979	561,288	571,527	(6,312)
1980	1,049,021	993,009	20,215
1981	838,697	497,884	120,900
1982	709,088	407,129	107,942
1983	2,108,407	1,346,617	275,277
1984	926,372	512,874	149,106
1985	966,993	579,110	139,825
1986	1,302,268	1,110,627	56,812
1987	1,173,104	867,295	110,710
1987	11,368	8,281	1,117
1988	1,638,584	1,170,398	169,576
1988	167,390	115,579	18,767
1989	2,401,550	1,425,691	353,444
1990	3,843,484	2,110,280	627,767
1991	2,004,406	890,408	403,491
1992	3,421,482	1,496,182	697,344
1993	3,436,646	1,752,189	610,110
Total 1993 Tax Depreciation	31,972,505	22,683,682	3,188,378

E20-45

Prepared by	Initials
Approved by	

Mo P00

ER 83-40

Calculation of TAX, TAX S/L AND DEFERRED TAXES

WITH JEC-3

1	9129876 (F0002)	TAX DEPRECIATION WITH BUDGETED ADDITIONS AND JEC-3
2	29169	ADD BACK DEPR DUE TO BASE REDUCTIONS ASSOCIATED WITH 19% IR OPTION
3		
4	9159045	ACTUAL TAX DEPR REVENUE
5	12076177	TAX S/L
6		
7	1908868	EXCESS TAX DEPR
8		
9	4749	
10		
11	3363654	DEFERRED TAX
12		

W/O JEC - NO KSM

15	9129876 (F0002)	ACTUAL TAX DEPR - BUDGETED ADDITIONS + JEC-3
16	5075203	REMOVE BUDGETED ADDITIONS (TH. THEREON)
17	1267370	REMOVE JEC-3 DEPR
18	7354986	ACTUAL TAX DEPR - W/O JEC - NO KSM
19		
20	12076177 (F0002)	TAX S/L DEPR - BUDGETED ADDITIONS + JEC-3
21	5996652	REMOVE TSL ASSOCIATED WITH BUDGETED ADDITIONS
22	4177452	REMOVE JEC-3
23	11982067	TAX S/L DEPR - W/O JEC - NO KSM
24		
25		
26	5886519	EXCESS TAX DEPR: (LINE 18 - 23)
27		
28	4749	
29		
30	2781241	DEFERRED TAX
31		
32		

35	GL	Actual Tax	
36	4106722	670574	706 diff
37			
38	311179	496991	diff debt 9749
39	1267443	173583	diff debt allocation common (1,166,766 - 28754) K. 971
40	4406722	670574	diff tax base Actual Tax
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			

↓ 229652 Excess P&E
 → 4406722
 ↓ 670574 Tax Diff

No. 298

DATA INFORMATION REQUEST
Missouri Public Service Company
Case No. ER-83-40

REQUESTED FROM: _____

DATE REQUESTED: 1/26/83

INFORMATION REQUESTED: PLEASE PROVIDE: 1) TAX BASIS PLAN AND ASSOCIATED TAX S/L AND ACTUAL TAX CALCULATIONS FOR YEARS PRIOR TO 1981. 2) TAX BASIS PLAN AND ASSOCIATED ACTUAL TAX FOR 1981 AND 1982 AND FOR BUDGET MONTHS OF JAN-APR '83. 3) BUDGETED TAX BASIS ADDITIONS ASSOCIATED WITH JEC-3 (AS OF THE ESTIMATED IN-SERVICE DATE) AND BUDGETED ACTUAL TAX THEREON.

REQUESTED BY: ED TOOEY

INFORMATION PROVIDED: _____

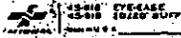
See Attached

The information provided to the Missouri Public Service Commission Staff in response to the above information request is accurate and complete, and contains no material misrepresentations or omissions based upon present facts known to the undersigned. The undersigned agrees to immediately inform the Missouri Public Service Commission, if any matters are discovered which would materially affect the accuracy or completeness of the information provided in response to the above information request.

SIGNED BY: [Signature]

DATE RECEIVED: 2/4/83

Prepared By	
Approved By	



1983 TAX DEPRECIATION

ELECTRIC and COMMON PROPERTY

	1	2	3	4
	PRE-1970	1970	1971	1972
Electric				
49.13	2381936	9960	15716	45545
49.14	2023277	191985	197591	638157
49.15 (new)		-	-	-
49.15 (used)		-	-	-
Buildings		-	-	75
Equipment		-0-	1674	7374
TOTAL ELECTRIC	4405209	201953	214581	671041
Common				
Buildings	54952	15	88	601
00.11			-0-	-0-
00.13			-	-
48.32			-0-	-
00.22			-0-	-0-
00.241			-0-	-0-
00.242			-0-	-0-
00.27			-0-	-0-
Equipment	2035	-0-	79	-
Power Operated Equip.			-0-	9353
TOTAL COMMON	56987	15	167	10154
TOTAL	4462196	202000	215148	701195

1973	1974	1975	1976	1977	1978	1979
26034	39791	5786	12034	26853	1728025	433811
516728	420190	637473	545585	793690	865889	664561
-	-	-	-	2736	12504	38236
-	-	-	-	104009	-	-
50	10353	12472	-	1119	4939	10459
5808	4188	2458	8140	7687	6150	17113
545820	474622	658169	665764	976082	2617507	1164220
576	8889	-	-	757	1000	486
-	-	230	686	5343	1849	2805
-	-	-	260	1223	2017	11008
11440	289	824	4415	6707	1293	9411
-	-	-	-	-	-	-
-	-	-	-	-	3524	5342
-	-	-	553	8355	5654	22156
-	-	-	150	1733	1409	1754
24	-	397	862	285	75	106
6176	4903	856	6102	8930	8798	57367
12036	14081	2509	13028	33373	26639	82405
566756	488603	660478	508792	1009465	2644146	1244605

Prepared By	
Approved By	

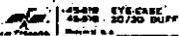
1983 GUIDELINE STRAIGHT LINE DEPRECIATION
ELECTRIC and COMMON PROPERTY

	1	2	3	4
	Pre-1970	1970	1971	1972
Electric				
49.13	2581936	37831	13409	36268
49.14	2023273	227130	157443	473307
49.15 (new)				
49.15 (used)				
Buildings				77
Equipment		-0-	2345	10889
TOTAL ELECTRIC	4405209	264961	175197	230541
Common				
Buildings	54932	33	96	617
00.11	-	-0-	-	-
00.13	-	-	-	-
48.32	-	277	247	-
00.22	-	-	-	-
00.241	-	-	-	-
00.242	-	-	-	-
00.27	-	-	-	-
Equipment	2035	-	207	-
Power Operated Equip.	-	-	-	15478
TOTAL COMMON	56967	410	590	16092
Total	4462176	265371	175747	536633

1973	1974	1975	1976	1977	1978	1979
18884	26935	3654	7132	37263	909339	266321
357740	372059	387669	312976	430988	445624	325314
-	-	-	-	1787	0457	20971
-	-	-	-	95209	-	-
49	9605	11038	-	95	3835	7880
8671	6253	3641	12154	10433	6966	16129
385344	514832	406002	332262	575715	1573110	586525
385	8247	-	-	595	1289	365
1855	1773	1722	1709	7979	1925	2327
-	-	-	-	2000	3908	1411
24065	682	1296	5216	6597	1218	6394
-	-	-	-	-	-	-
-	-	-	-	-	-	7420
-	-	-	-	13640	11082	31020
-	-	-	-	2832	2830	2456
36	-	597	1287	387	85	119
9221	7501	1278	8112	12120	9951	35218
66062	18023	4893	17524	45755	32233	86690
150406	332853	410895	349586	621730	1405343	673210

1980	1981	1982	1983 ADDITIONS JAN-APRIL	APRIL '83 1983	
628163	50603	16303	2949	42200	
820174	414210	320085	102947	6500	
1827	7073	1842	55		
774	1039				
9131	13773	5778			
	2757	13342			
967069	478452	547430	105951	428500	11665160
158	4131	752	6274		
3065	4037	4567	8982		
1968	-				
12853	20	39			
14525	7238				
1976	29068				
94267	41740	175238	43351		
821	5864				
	16				
17926	7470	10736	9995		
149540	78786	190812	68602		351939
					84.74
					600-721133
111669	50728	63842	174568	428500	12517099
					724933
					11665160
					12387093
					49749
					12,076,177

Prepared By	Initials	Date
Approved By		



1983 EQUIVALENT STRAIGHT LINE DEPRECIATION
ELECTRIC and COMMON PROPERTY

	1	2	3	4
	PRE-1970	1970	1971	1972
Electric				
49.13	2170501	30824	11881	33028
49.14	1714233	301507	140816	397760
49.15 (new)	-	-	-	-
49.15 (used)	-	-	-	-
Buildings	-	-	-	67
Equipment	-	2129	4271	8713
TOTAL ELECTRIC	3906734	239800	156968	440770
Common				
Buildings	71787	30	86	553
00.11	7637	1463	1052	1850
00.13	-	-	-	-
48.32	5940	389	129	-
00.22	-	-	-0-	-0-
00.241	-	-	-0-	-0-
00.242	-	-	-0-	-0-
00.27	-	-	-0-	-0-
Equipment	-	1	248	-
Power Operated Equip.	-	-	-0-	-0-
TOTAL COMMON	59334	1883	1515	2403
TOTAL	3966068	241683	158483	443173

1973	1974	1975	1976	1977	1978	1979
16975	25524	3371	6421	83934	836928	199057
347598	243064	348233	278641	374135	395486	294868
				1586	5456	16089
				131589		
42	865	9935		86	3451	7080
2311	5664	8062	9340	9125	6334	15405
341923	282897	364807	295402	370295	1247655	531511
347	7423			536	1160	359
1352	886	861	864	3987	986	1164
729	921	257	764	1197	1186	453
28113	355	674	2712	3326	530	3504
--	--	--	--	--	2911	6884
--	--	--	--	4864	21245	9823
--	--	--	--	13650	11082	31050
964	631	76	883	3399	1728	1474
22		368	618	197	51	71
--	8785	1593	10335	14545	11941	40264
31523	19001	5769	16766	45704	57020	96836
373451	301898	368576	312168	615999	1305473	628337

1980	1981	1982	1983 ADDITIONS JAN-APRIL	Salvage #3 1983	
576444	30603	16363	2949	422000	
290952	414210	310085	102947	6500	
1040	9073	1942	55		
677	1039				
7973	12798 9729	8798 13242			
877108	478452	346730	105901	428500	1061408
135	4131	752	6274		
1532	4039	4557	8982		
580					
6684	20	39			
15806	7238				
1517	29068				
94265	41940	175228	43351		
473	3864				
	16				
33912	8470	10236	9995		
144744	98786	196812	68002		835488
1001850	577238	538242	174533	428500	11451096