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March 28, 1958

200-41

Mr. A. E. Stoddard - President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1957:

CAPITAL EXPENDITURES

Light and Power Department	\$ 17,952.47
Water Department	<u>33,655.08</u>
Total	\$ 51,607.55

NON-CAPITAL EXPENDITURES

Light and Power Department	\$ 3,925.05
Water Department	<u>6,757.04</u>
Total	\$ 10,682.09

Light and Power Department

Income, expenses and net revenue of the Light and Power
Department at Rock Springs and Green River, exclusive of Merchan-
dise Department, for 1956 and 1957:

	<u>1956</u>	<u>1957</u>
Electric energy sold, KWH	23,983,222	24,279,118
Revenue received from sale of electricity	\$719,677.41	\$718,070.73
Misc. operating revenues	<u>770.82</u>	<u>791.86</u>
Total operating revenues	\$720,448.23	\$718,862.59
Operating expenses:		
Energy purchased	\$469,951.65	\$477,149.59
Other expenses	<u>117,499.80</u>	<u>121,257.86</u>
Total expenses excl. of taxes	\$587,451.45	\$598,407.45
Net revenue, excl. of taxes & uncollectible bills	\$132,996.78	\$120,455.14
Taxes & uncollectible bills	<u>75,436.60</u>	<u>70,218.70</u>
Net income	\$ 57,560.18	\$ 50,236.44

Income, expenses and net revenue of the Light and Power Department at Hanna for 1956 and 1957:

	<u>1956</u>	<u>1957</u>
Electric energy sold, KWH	1,733,044	1,707,949
Revenue received from sale of energy	\$ 42,532.11	\$ 45,213.07
Miscellaneous operating revenues	<u>436.84</u>	<u>361.80</u>
Total operating revenue	\$ 42,968.95	\$ 45,574.87
Operating expenses:		
Energy purchased	\$ 15,568.14	\$ 15,589.09
Other expenses	<u>14,464.21</u>	<u>15,436.53</u>
Total expenses, exclusive of taxes	\$ 30,032.35	\$ 31,025.62
Net revenue, exclusive of taxes & uncollectible bills	\$ 12,936.60	\$ 14,549.25
Taxes and uncollectible bills	<u>8,358.67</u>	<u>8,886.72</u>
Net income	\$ 4,577.93	\$ 5,662.53

Income, expenses and net revenues of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1956 and 1957:

	<u>1956</u>	<u>1957</u>
Electric energy sold, KWH	25,716,266	25,987,067
Revenue received from sale of energy	\$762,209.52	\$763,283.80
Misc. operating revenues	<u>1,207.66</u>	<u>1,153.66</u>
Total operating revenues	\$763,417.18	\$764,437.46
Operating expenses:		
Energy purchased	\$485,519.79	\$492,738.68
Other expenses	<u>131,964.01</u>	<u>136,694.39</u>
Total expenses exclusive of taxes	\$617,483.80	\$629,433.07
Net revenue, exclusive of taxes & uncollectible bills	\$145,933.38	\$135,004.39
Taxes and uncollectible bills	<u>83,795.27</u>	<u>79,105.42</u>
Net income	\$ 62,138.11	\$ 55,898.97

Water Department

Condensed statement of income, expenses and net revenue for the Water Department for 1956 and 1957:

	<u>1956</u>	<u>1957</u>
Water sales:		
U.P.R.R. Co.	\$ 49,386.90	\$ 39,578.77
The Union Pacific Coal Co.	10,878.47	10,722.81
Others	205,694.48	197,407.33
Hydrant rentals	<u>6,477.85</u>	<u>6,567.99</u>
Total operating revenue	\$272,437.70	\$254,276.90
Total operating expenses	\$169,263.87	\$170,349.35
Depreciation	<u>32,374.13</u>	<u>32,975.86</u>
Total operating expenses and depreciation	\$201,638.00	\$203,325.21
Net operating revenue, excl. of taxes & uncollectible bills	\$ 70,799.70	\$ 50,951.69
Taxes and uncollectible bills	<u>49,778.50</u>	<u>41,014.85</u>
Net income from operations	\$ 21,021.20	\$ 9,936.84

Distribution of pumpage for 1956 and 1957:

	<u>1956</u>	<u>1957</u>
<u>Green River</u>		
Union Pacific Railroad Co.	348,212,750	323,107,118
Others	<u>192,691,250</u>	<u>207,652,882</u>
<u>Rock Springs</u>		
Union Pacific Railroad Co.	19,353,368	5,975,033
Others	<u>439,886,632</u>	<u>442,925,967</u>
Total from Green River plant	1,000,144,000	979,661,000
<u>Reliance Plant</u>		
Reliance	12,884,101	13,053,398
Stansbury	<u>10,434,116</u>	<u>8,455,545</u>
Total from Reliance Plant	23,318,217	21,508,943
Grand Total	1,023,462,217	1,001,169,943

SUMMARY - ALL DEPARTMENTS

	<u>1956</u>	<u>1957</u>
Operating Revenues:		
Light and Power Department	\$763,417.18	\$764,437.46
Water Department	272,437.70	254,276.90
Merchandise Department	<u>416.26</u>	<u>464.21</u>
Total	\$1,036,271.14	\$1,019,178.57
Operating Expenses:		
Light and Power Department	\$ 617,483.80	\$ 629,433.07
Water Department	201,838.00	203,325.21
Merchandise Department	<u>346.56</u>	<u>349.22</u>
Total	\$ 819,468.36	\$ 833,107.50
Taxes:		
Light and Power Department	\$ 83,541.19	\$ 78,950.74
Water Department	49,707.44	40,986.83
Merchandise Department	<u>133.59</u>	<u>138.52</u>
Total	\$ 133,382.22	\$ 120,076.09
Uncollectible Bills:		
Light and Power Department	\$ 254.08	\$ 154.68
Water Department	71.06	28.02
Merchandise Department	<u>-</u>	<u>-</u>
Total	\$ 325.14	\$ 182.70
Total Expenses, Taxes and Uncollectible Bills	\$ 953,175.72	\$ 953,366.29
Net Income from Operations	83,095.42	65,812.28
Other Income & Charges - Net	2,558.76	2,085.92
Net Income	80,556.66	63,726.36
Profit & Loss - Credit	<u>14,539.45</u>	<u>8,106.76</u>
Net Profit	\$ 95,076.11	\$ 71,853.12

Respectfully submitted,

Original Signed
I. N. BAYLESS
President

1 9 5 6

March 14, 1957

200-41

Mr. A. E. Stoddard, President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1956:

CAPITAL EXPENDITURES

Light and Power Department	\$ 21,771.05
Water Department	<u>18,918.42</u>
Total	\$ 40,689.47

NON-CAPITAL EXPENDITURES

Light and Power Department	\$ 5,718.06
Water Department	<u>18,875.97</u>
Total	\$ 24,594.03

Light and Power Department

Income, expenses and net revenue of the Light and
Power Department at Rock Springs and Green River, exclusive
of Merchandise Department, for 1955 and 1956:

	1955	1956
Electric energy sold, KWH	25,258,380	25,983,222
Revenue received from sale of elec- tricity	\$696,309.71	\$719,677.41
Misc. operating revenues	<u>735.98</u>	<u>770.82</u>
Total operating revenues	\$697,045.69	\$720,448.23
Operating expenses:		
Energy purchased	\$454,562.72	\$469,951.65
Other expenses	<u>114,169.04</u>	<u>117,499.80</u>
Total expenses exclusive of taxes	\$568,731.76	\$587,451.45
Net revenue, exclusive of taxes and uncollectible bills	\$128,313.93	\$132,996.78
Taxes and uncollectible bills	<u>75,770.61</u>	<u>75,436.60</u>
Net income	\$ 52,543.32	\$ 57,560.18

Income, expenses and net revenue of the Light and Power Department at Hanna for 1955 and 1956:

	<u>1955</u>	<u>1956</u>
Electric energy sold, KWH	1,565,888	1,733,044
Revenue received from sale of energy	\$ 40,356.79	\$ 42,532.11
Miscellaneous operating revenues	<u>356.44</u>	<u>436.84</u>
Total operating revenue	\$ 40,713.23	\$ 42,968.95
Operating expenses:		
Energy purchased	\$ 13,143.05	\$ 15,568.14
Other expenses	<u>17,510.30</u>	<u>14,464.21</u>
Total expenses, exclusive of taxes	\$ 30,653.35	\$ 30,032.35
Net revenue, exclusive of taxes and uncollectible bills	\$ 10,059.88	\$ 12,936.60
Taxes and uncollectible bills	<u>7,475.35</u>	<u>8,358.67</u>
Net income	\$ 2,584.53	\$ 4,577.93

Income, expenses and net revenues of the Light and Power Department at Rock Springs, Green River and Hanna, combined for 1955 and 1956:

	<u>1955</u>	<u>1956</u>
Electric energy sold, KWH	24,824,268	25,716,266
Revenue received from sale of energy	\$736,666.50	\$762,209.52
Misc. operating revenues	<u>1,092.42</u>	<u>1,207.66</u>
Total operating revenues	\$737,758.92	\$763,417.18
Operating expenses:		
Energy purchased	\$467,705.77	\$485,519.79
Other expenses	<u>131,679.34</u>	<u>131,964.01</u>
Total expenses exclusive of taxes	\$599,385.11	\$617,483.80
Net revenue, exclusive of taxes and uncollectible bills	\$138,373.81	\$145,933.38
Taxes and uncollectible bills	<u>83,245.96</u>	<u>83,795.27</u>
Net income	\$ 55,127.85	\$ 62,138.11

Water Department

Condensed statement of income, expenses and net revenue for the Water Department for 1955 and 1956:

	<u>1955</u>	<u>1956</u>
Water sales:		
U. P. R. R. Co.	\$ 53,809.33	\$ 49,386.90
The Union Pacific Coal Co.	17,541.40	10,878.47
Others	193,033.96	205,694.48
Hydrant rentals	6,278.37	6,477.85
Miscellaneous revenue	-	-
Total operating revenue	<u>\$270,663.06</u>	<u>\$272,437.70</u>
Total operating expenses	\$156,891.55	\$169,263.87
Depreciation	<u>27,579.26</u>	<u>32,374.13</u>
Total operating expenses and depreciation	<u>\$184,470.81</u>	<u>\$201,638.00</u>
Net operating revenue, exclusive of taxes and uncollectible bills	\$ 86,192.25	\$ 70,799.70
Taxes and uncollectible bills	<u>59,435.09</u>	<u>49,778.50</u>
Net income from operations	\$ 26,757.16	\$ 21,021.20

Distribution of pumpage for 1955 and 1956:

	<u>1955</u>	<u>1956</u>
<u>Green River</u>		
Union Pacific Railroad Co.	378,018,762	348,212,750
Others	169,512,238	192,691,250
<u>Rock Springs</u>		
Union Pacific Railroad Co.	20,923,352	19,353,368
Others	<u>451,027,648</u>	<u>439,886,632</u>
Total from Green River plant	1,019,482,000	1,000,144,000
<u>Reliance Plant</u>		
Reliance	19,150,681	12,884,101
E Plane	180,780	-
Stansbury	<u>11,058,667</u>	<u>10,434,116</u>
Total from Reliance plant	30,390,128	23,318,217
GRAND TOTAL	1,049,872,128	1,023,462,217

1955

March 23, 1956

Mr. A. E. Stoddard, President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1955:

CAPITAL EXPENDITURES

Light and Power Department	\$ 7,167.68
Water Department	<u>89,698.76</u>
Total	\$ 96,866.44

NON-CAPITAL EXPENDITURES

Light and Power Department	\$ 7,084.15
Water Department	<u>4,547.70</u>
Total	\$ 11,631.85

Light and Power Department

Income, expenses and net revenue of the Light and
Power Department at Rock Springs and Green River, exclusive
of Merchandise Department, for 1954 and 1955:

	<u>1954</u>	<u>1955</u>
Electric energy sold, KWH	22,102,277	23,258,380
Revenue received from sale of elec- tricity	\$665,605.57	\$696,309.71
Misc. operating revenues	<u>773.50</u>	<u>735.98</u>
Total operating revenues	\$666,379.07	\$697,045.69
Operating expenses:	\$429,968.55	\$454,562.72
Energy purchased	<u>116,951.27</u>	<u>114,169.04</u>
Other expenses	\$546,919.82	\$568,731.76
Total expenses exclusive of taxes	\$119,459.25	\$128,313.93
Net revenue, exclusive of taxes and uncollectible bills	<u>63,038.24</u>	<u>75,770.61</u>
Taxes and uncollectible bills	\$ 56,421.01	\$ 52,543.32
Net income		

Income, expenses and net revenue of the Light and Power Department at Hanna for 1954 and 1955:

	<u>1954</u>	<u>1955</u>
Electric energy sold, KWH	2,960,154	1,565,888
Revenue received from sale of energy	\$ 62,654.11	\$ 40,356.79
Miscellaneous operating revenues	-	356.44
Total operating revenue	\$ 62,654.11	\$ 40,713.23
Operating expenses:		
Energy purchased	\$ 25,880.53	\$ 13,143.05
Other expenses	15,167.65	17,510.80
Total expenses, exclusive of taxes	\$ 41,048.18	\$ 30,653.85
Net revenue, exclusive of taxes and uncollectible bills	\$ 21,605.93	\$ 10,059.38
Taxes and uncollectible bills	11,048.82	7,475.35
Net income	\$ 10,557.11	\$ 2,584.03

Income, expenses and net revenues of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1954 and 1955:

	<u>1954</u>	<u>1955</u>
Electric energy sold, KWH	25,062,431	24,824,268
Revenue received from sale of energy	\$728,259.68	\$736,666.50
Misc. operating revenues	773.50	1,092.42
Total operating revenues	\$729,033.18	\$737,758.92
Operating expenses:		
Energy purchased	\$455,849.08	\$467,705.77
Other expenses	132,118.92	131,679.34
Total expenses exclusive of taxes	\$587,968.00	\$599,385.11
Net revenue, exclusive of taxes and uncollectible bills	\$141,065.18	\$138,373.81
Taxes and uncollectible bills	74,087.06	83,245.96
Net income	\$ 66,978.12	\$ 55,127.85

Water Department

Condensed statement of income, expenses and net revenue for the Water Department for 1954 and 1955:

	<u>1954</u>	<u>1955</u>
Water sales:		
U. P. R. R. Co.	\$ 49,947.45	\$ 53,809.33
The Union Pacific Coal Co.	29,362.09	17,541.40
Others	208,220.01	193,033.96
Hydrant rentals	6,079.96	6,278.37
Miscellaneous revenue		
Total operating revenue	<u>\$293,609.51</u>	<u>\$270,663.06</u>
Total operating expenses	\$167,359.77	\$156,891.55
Depreciation	<u>27,134.00</u>	<u>27,579.26</u>
Total operating expenses and depreciation	\$194,493.77	\$184,470.81
Net operating revenue, exclusive of taxes and uncollectible bills	\$ 99,115.74	\$ 86,192.25
Taxes and uncollectible bills	<u>58,799.55</u>	<u>59,435.09</u>
Net income from operations	\$ 40,316.19	\$ 26,757.16

Distribution of pumpage for 1954 and 1955:

	<u>1954</u>	<u>1955</u>
<u>Green River</u>		
Union Pacific Railroad Co.	388,752,375	378,018,762
Others	175,111,625	169,512,238
<u>Rock Springs</u>		
Union Pacific Railroad Co.	14,418,098	20,923,352
Others	<u>471,606,902</u>	<u>451,027,648</u>
Total from Green River plant	1,049,889,000	1,019,492,000
<u>Reliance Plant</u>		
Reliance	53,188,183	19,150,681
E Plane	831,585	180,760
Stansbury	<u>18,298,200</u>	<u>11,058,667</u>
Total from Reliance plant	52,317,968	30,390,128
GRAND TOTAL	1,102,206,968	1,049,872,128

SUMMARY - ALL DEPARTMENTS

	<u>1954</u>	<u>1955</u>
Operating Revenues:		
Light and Power Department	\$ 729,033.18	\$ 737,753.92
Water Department	293,609.51	270,663.06
Merchandise Department	<u>556.42</u>	<u>322.62</u>
Total	\$1,023,199.11	\$1,008,744.60
Operating Expenses:		
Light and Power Department	\$ 587,968.00	\$ 599,385.11
Water Department	194,493.77	184,470.81
Merchandise Department	<u>308.41</u>	<u>505.46</u>
Total	\$ 782,770.18	\$ 784,161.38
Taxes:		
Light and Power Department	\$ 72,950.79	\$ 82,646.97
Water Department	58,663.92	59,315.43
Merchandise Department	<u>115.86</u>	<u>127.91</u>
Total	\$ 131,730.57	\$ 142,090.31
Uncollectible Bills:		
Light and Power Department	\$ 1,136.27	\$ 598.99
Water Department	135.63	119.66
Merchandise Department	<u>-</u>	<u>-</u>
Total	\$ 1,271.90	\$ 718.65
Total Expenses, Taxes and Uncollectible Bills	\$ 915,772.65	\$ 926,970.34
Net Income from Operations	107,426.46	81,774.26
Other Income & Charges - Net	<u>1,809.51</u>	<u>1,049.44</u>
Net Income	105,616.95	79,824.82
Profit & Loss - Credit	<u>9,469.03</u>	<u>52.33</u>
Net Profit	\$ 115,085.98	\$ 79,877.15

Respectfully submitted,

Original Signed
L. N. BAYLESS

President

1 9 5 4

March 18, 1955

Mr. A. E. Stoddard, President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1954:

CAPITAL EXPENDITURES

Light and Power Department	\$ 429.47
Water Department	<u>49,658.86</u>
Total	\$ 50,088.33

NON-CAPITAL EXPENDITURES

Light and Power Department	\$ 4,915.65
Water Department	<u>1,079.40</u>
Total	\$ 5,995.05

Light and Power Department

Income, expenses and net revenue of the Light and
Power Department at Rock Springs and Green River, exclusive
of Merchandise Department, for 1953 and 1954:

	<u>1953</u>	<u>1954</u>
Electric energy sold, KWH	23,076,114	22,102,277
Revenue received from sale of elec- tricity	\$696,781.35	\$665,605.57
Misc. operating revenues	<u>999.56</u>	<u>773.50</u>
Total operating revenues	\$697,780.91	\$666,379.07
Operating expenses:		
Energy purchased	\$462,730.91	\$429,968.55
Other expenses	<u>121,445.28</u>	<u>116,951.27</u>
Total expenses exclusive of taxes	\$584,176.19	\$546,919.82
Net revenue, exclusive of taxes and uncollectible bills	\$113,604.72	\$119,459.25
Taxes and uncollectible bills	<u>94,508.84</u>	<u>63,038.24</u>
Net income	\$ 19,095.88	\$ 56,421.01

Income, expenses and net revenue of the Light and Power Department at Hanna for 1953 and 1954:

	<u>1953</u>	<u>1954</u>
Electric energy sold, KWH	6,859,744	2,960,154
Revenue received from sale of energy	\$109,271.81	\$ 62,654.11
Operating expenses:		
Energy purchased	\$ 54,926.55	\$ 25,880.53
Other expenses	<u>17,797.97</u>	<u>15,167.65</u>
Total expenses, exclusive of taxes	\$ 72,724.52	\$ 41,048.18
Net revenue, exclusive of taxes and uncollectible bills	\$ 36,547.29	\$ 21,605.93
Taxes and uncollectible bills	<u>26,954.70</u>	<u>11,048.82</u>
Net income	\$ 9,592.59	\$ 10,557.11

Income, expenses and net revenues of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1953 and 1954:

	<u>1953</u>	<u>1954</u>
Electric energy sold, KWH	29,935,858	25,062,431
Revenue received from sale of energy	\$806,053.16	\$728,259.68
Misc. operating revenues	<u>999.56</u>	<u>773.50</u>
Total operating revenues	\$807,052.72	\$729,033.18
Operating expenses:		
Energy purchased	\$517,657.46	\$455,849.08
Other expenses	<u>139,243.25</u>	<u>132,118.92</u>
Total expenses exclusive of taxes	\$656,900.71	\$587,968.00
Net revenue, exclusive of taxes and uncollectible bills	\$150,152.01	\$141,065.18
Taxes and uncollectible bills	<u>121,463.54</u>	<u>74,087.06</u>
Net income	\$ 28,688.47	\$ 66,978.12

Water Department

Condensed statement of income, expenses and net revenue for the Water Department for 1953 and 1954:

	<u>1953</u>	<u>1954</u>
Water sales:		
U. P. R. R. Co.	\$ 69,672.29	\$ 49,947.45
The Union Pacific Coal Co.	34,620.70	29,362.09
Others	189,169.85	208,220.01
Hydrant rentals	5,742.54	6,079.96
Miscellaneous revenue	46.20	-
Total operating revenue	<u>\$299,251.58</u>	<u>\$293,609.51</u>
Total operating expenses	\$181,535.82	\$167,359.77
Depreciation	<u>26,020.22</u>	<u>27,134.00</u>
Total operating expenses and depreciation	\$207,556.04	\$194,493.77
Net operating revenue, exclusive of taxes and uncollectible bills	\$91,695.54	\$ 99,115.74
Taxes and uncollectible bills	<u>78,355.86</u>	<u>58,799.55</u>
Net income from operations	\$13,339.68	\$ 40,316.19

Distribution of pumpage for 1953 and 1954:

	<u>1953</u>	<u>1954</u>
<u>Green River</u>		
Union Pacific Railroad Co.	522,755,536	388,752,375
Others	177,653,464	175,111,625
<u>Rock Springs</u>		
Union Pacific Railroad Co.	41,001,337	14,418,098
Others	<u>449,774,663</u>	<u>471,606,902</u>
Total from Green River plant	1,191,185,000	1,043,889,000
<u>Reliance Plant</u>		
Reliance	34,424,741	33,188,183
E Plane	1,181,625	831,585
Stansbury	<u>20,614,513</u>	<u>18,298,200</u>
Total from Reliance plant	56,220,879	52,317,968
GRAND TOTAL	1,247,405,879	1,102,206,968

SUMMARY - ALL DEPARTMENTS

	<u>1953</u>	<u>1954</u>
Operating Revenues:		
Light and Power Department	\$ 807,052.72	\$ 729,033.18
Water Department	299,251.58	293,609.51
Merchandise Department	872.66	556.42
Total	<u>\$1,107,176.96</u>	<u>\$1,023,199.11</u>
Operating Expenses:		
Light and Power Department	\$ 656,900.71	\$ 587,968.00
Water Department	207,556.04	194,493.77
Merchandise Department	668.33	308.41
Total	<u>\$ 865,125.08</u>	<u>\$ 782,770.18</u>
Taxes:		
Light and Power Department	\$ 121,063.13	\$ 72,950.79
Water Department	77,603.78	58,663.92
Merchandise Department	165.54	115.86
Total	<u>\$ 198,832.45</u>	<u>\$ 131,730.57</u>
Uncollectible Bills:		
Light and Power Department	\$ 400.41	\$ 1,136.27
Water Department	752.08	135.63
Merchandise Department	6.00	-
Total	<u>\$ 1,158.49</u>	<u>\$ 1,271.90</u>
Total Expenses, Taxes and Uncollectible Bills	<u>\$1,065,116.02</u>	<u>\$ 915,772.65</u>
Net Income from Operations	42,060.94	107,426.46
Other Income & Charges - Net	8,449.62	1,809.51
Net Income	33,611.32	105,616.95
Profit & Loss - Credit	<u>48,699.11</u>	<u>9,469.03</u>
Net Profit	<u>\$ 82,310.43</u>	<u>\$ 115,085.98</u>

Respectfully submitted,

Original Signed
I. N. BAYLESS
President

February 26, 1954

200-41

Mr. A. E. Stoddard, President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1953:

CAPITAL EXPENDITURES

Light and Power Department	\$ 63,423.05
Water Department	<u>120,623.80</u>
Total	\$184,046.85

NON-CAPITAL EXPENDITURES

Light and Power Department	\$ 11,362.80
Water Department	<u>9,635.58</u>
Total	\$ 20,998.38

Light and Power Department

Income, expenses and net revenue of the Light and Power
Department at Rock Springs and Green River, exclusive of Merchandise
Department, for 1952 and 1953:

	<u>1952</u>	<u>1953</u>
Electric energy sold, KWH	24,368,832	23,076,114
Revenue received from sale of electricity	\$712,857.94	\$696,781.35
Misc. operating revenues	<u>858.14</u>	<u>999.56</u>
Total operating revenues	\$713,716.08	\$697,780.91
Operating expenses:		
Energy purchased	\$499,496.37	\$462,730.91
Other expenses	<u>117,492.29</u>	<u>121,445.28</u>
Total expenses exclusive of taxes	\$616,988.66	\$584,176.19
Net revenue, exclusive of taxes and uncollectible bills	\$ 96,727.42	\$113,604.72
Taxes and uncollectible bills	<u>57,318.82</u>	<u>94,508.84</u>
Net Income	\$ 39,408.60	\$ 19,095.88

The tax item for 1953 includes income tax adjustment for the years 1946 to 1952, inclusive, totaling \$27,424.68.

Income, expenses and net revenue of the Light and Power Department at Hanna for 1952 and 1953:

	<u>1952</u>	<u>1953</u>
Electric energy sold, KWH	7,672,300	6,859,744
Revenue received from sale of energy	\$106,128.05	\$109,271.81
Operating expenses:		
Energy purchased	\$ 59,998.51	\$ 54,926.55
Other expenses	<u>16,651.38</u>	<u>17,797.97</u>
Total expenses exclusive of taxes	\$ 76,649.89	\$ 72,724.52
Net revenue, exclusive of taxes and uncollectible bills	\$ 29,478.16	\$ 36,547.29
Taxes and uncollectible bills	<u>16,572.25</u>	<u>26,954.70</u>
Net Income	\$ 12,905.91	\$ 9,592.59

The tax item for 1953 includes income tax adjustment for the years 1946 to 1952, inclusive, amounting to \$5,708.89.

Income, expenses and net revenues of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1952 and 1953:

	<u>1952</u>	<u>1953</u>
Electric energy sold, KWH	32,041,132	29,935,858
Revenue received from sale of energy	\$818,985.99	\$806,053.16
Misc. operating revenues	<u>858.14</u>	<u>999.56</u>
Total operating revenues	\$819,844.13	\$807,052.72
Operating expenses:		
Energy purchased	\$559,494.88	\$517,657.46
Other expenses	<u>134,143.67</u>	<u>139,243.25</u>
Total expenses exclusive of taxes	\$693,638.55	\$656,900.71
Net revenue, exclusive of taxes and uncollectible bills	\$126,205.58	\$150,152.01
Taxes and uncollectible bills	<u>73,891.07</u>	<u>121,463.54*</u>
Net Income	\$ 52,314.51	\$ 28,688.47

*Includes \$33,133.57 income tax adjustment for years 1946 to 1952, inclusive.

Water Department

Following is a condensed statement of income, expenses and net revenue for the Water Department for 1952 and 1953:

	<u>1952</u>	<u>1953</u>
Water sales:		
U.P.R.R.Co.	\$ 73,947.48	\$ 69,672.29
The Union Pacific Coal Co.	34,594.72	34,620.70
Others	179,168.83	189,169.85
Hydrant rentals	5,390.00	5,742.54
Misc. revenue	45.99	46.20
Total Operating Revenues	\$293,147.02	\$299,251.58
Total operating expenses	\$179,882.34	\$181,535.82
Depreciation	37,884.55	26,020.22
Total operating expenses & depreciation	\$217,766.89	\$207,556.04
Net operating revenue, exclusive of taxes and uncollectible bills	\$ 75,380.13	\$ 91,695.54
Taxes and uncollectible bills	50,902.42	78,355.86*
Net income from operations	\$ 24,477.71	\$ 13,339.68

*Includes income tax adjustment of \$17,090.64 for years 1946 to 1952, inclusive.

Distribution of pumpage for 1953 as compared with 1952 was as follows:

	<u>1952</u>	<u>1953</u>
<u>Green River</u>		
Union Pacific Railroad Co.	521,055,257	522,755,536
Others	152,392,743	177,653,464
<u>Rock Springs</u>		
Union Pacific Railroad Co.	57,538,512	41,001,337
Others	420,721,488	449,774,663
Total from Green River Plant	1,151,708,000	1,191,185,000
<u>Reliance Plant</u>		
Reliance	36,209,910	34,424,741
E Plane	1,960,672	1,181,625
Stansbury	20,100,480	20,614,513
Total from Reliance Plant	58,271,062	56,220,879
GRAND TOTAL	1,209,979,062	1,247,405,879

SUMMARY - ALL DEPARTMENTS

	<u>1952</u>	<u>1953</u>
Operating Revenues:		
Light and Power Department	\$ 819,844.13	\$ 807,052.72
Water Department	293,147.02	299,251.58
Merchandise Department	427.53	872.66
Total	\$1,113,418.68	\$1,107,176.96
Operating Expenses:		
Light and Power Department	\$ 693,638.55	\$ 656,900.71
Water Department	217,766.89	207,556.04
Merchandise Department	1,129.85	668.33
Total	\$ 912,535.29	\$ 865,125.08
Taxes:		
Light and Power Department	\$ 73,447.38	\$ 121,063.13
Water Department	50,834.57	77,603.78
Merchandise Department	89.77	165.54
Total	\$ 124,371.72	\$ 198,832.45*
Uncollectible bills:		
Light and Power Department	\$ 443.69	\$ 400.41
Water Department	67.85	752.08
Merchandise Department	-	6.00
Total	\$ 511.54	\$ 1,158.49
Total Expenses, Taxes and Uncollectible Bills	\$1,037,418.55	\$1,065,116.02
Net Income from Operations	76,000.13	42,060.94
Other Income & Charges - Net	1,495.08	8,449.62**
Net Income	74,505.05	33,611.32
Profit & Loss - Credit	10.69	48,699.11
Net Profit	\$ 74,515.74	\$ 82,310.43

*Includes \$50,224.21 income tax adjustment, years 1946 to 1952, inclusive.

**Includes \$7,027.32 interest on additional income taxes.

Respectfully submitted,

Original Signed
I. N. BAYLESS
President

Income, expenses and net revenue of the Light and Power Department at Hanna for 1951 and 1952:

	<u>1951</u>	<u>1952</u>
Electric energy sold, KWH	4,923,189 *	7,672,300
Revenue received from sale of energy	\$ 69,814.48	\$106,128.05
Operating expenses:		
Energy purchased	\$ 46,200.76	\$ 59,998.51
Other expenses	<u>10,573.89</u>	<u>16,651.38</u>
Total expenses exclusive of taxes	\$56,774.65	\$ 76,649.89
Net revenue, exclusive of taxes and uncollectible bills	\$13,039.83	\$ 29,478.16
Taxes and uncollectible bills	<u>7,013.65</u>	<u>16,572.25</u>
Net Income	\$ 6,026.18	\$ 12,905.91

* 1951 figure re-stated.

Income, expenses and net revenues of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1951 and 1952:

	<u>1951</u>	<u>1952</u>
Electric energy sold, KWH	27,927,822 *	32,041,132
Revenue received from sale of energy	\$742,451.64	\$818,985.99
Misc. operating revenues	<u>759.26</u>	<u>858.14</u>
Total operating revenues	\$743,210.90	\$819,844.13
Operating expenses:		
Energy purchased	\$514,693.23	\$559,494.88
Other expenses	<u>122,234.53</u>	<u>154,143.67</u>
Total expenses exclusive of taxes	\$636,927.76	\$693,638.55
Net revenue, exclusive of taxes and uncollectible bills	\$106,283.14	\$126,205.58
Taxes and uncollectible bills	<u>63,245.49</u>	<u>73,891.07</u>
Net Income	\$ 43,037.65	\$ 52,314.51

* 1951 figure re-stated.

Water Department

Following is a condensed statement of income, expenses and net revenue for the Water Department for 1951 and 1952:

	<u>1951</u>	<u>1952</u>
Water sales:		
U. P. R. R. Co.	\$ 73,903.11	\$ 73,947.48
The Union Pacific Coal Co.	33,261.05	34,594.72
Others	164,986.17	179,168.83
Hydrant rentals	5,276.68	5,390.00
Misc. revenue	99.12	46.99
Total Operating Revenues	\$277,526.13	\$293,147.02
Total operating expenses	\$176,886.62	\$179,882.34
Depreciation and amortization	36,931.35	37,884.55
Total operating expenses, de- preciation and amortization	\$213,817.97	\$217,766.89
Net operating revenue, exclusive of taxes and uncollectible bills	\$63,708.16	\$ 75,380.13
Taxes and uncollectible bills	41,903.38	50,902.42
Net income from operations	\$21,804.78	\$ 24,477.71

Distribution of pumpage for 1952 as compared with
1951 was as follows:

	<u>1951</u>	<u>1952</u>
<u>Green River</u>		
Union Pacific Railroad Co.	523,774,846	521,055,257
Others	156,901,154	152,392,743
<u>Rock Springs</u>		
Union Pacific Railroad Co.	60,159,548	57,538,512
Others	360,770,452	420,721,488
Total from Green River Plant	1,101,606,000	1,151,708,000
<u>Reliance Plant</u>		
Reliance	34,745,811	36,209,910
E Plane	1,597,500	1,960,672
Stansbury	17,792,430	20,100,480
Total from Reliance Plant	54,135,741	58,271,062
GRAND TOTAL	1,155,741,741	1,209,979,062

SUMMARY - ALL DEPARTMENTS

	<u>1951</u>	<u>1952</u>
Operating Revenues:		
Light and Power Department	\$ 743,210.90	\$ 819,844.13
Water Department	277,526.13	293,147.02
Merchandise Department	878.46	427.53
Total	\$1,021,615.49	\$1,113,418.68
Operating Expenses:		
Light and Power Department	\$ 636,927.76	\$ 693,638.55
Water Department	213,817.97	217,766.89
Merchandise Department	1,095.35	1,129.86
Total	\$ 851,841.08	\$ 912,535.29
Taxes:		
Light and Power Department	\$ 62,742.23	\$ 73,447.38
Water Department	41,757.58	50,834.57
Merchandise Department	118.04	89.77
Total	\$ 104,617.85	\$ 124,371.72
Uncollectible Bills:		
Light and Power Department	\$ 503.26	\$ 443.69
Water Department	145.80	67.85
Merchandise Department	-	-
Total	\$ 649.06	\$ 511.54
Total Expenses, Taxes and Uncollectible Bills	\$ 957,107.99	\$1,037,418.55
Net Income from Operations	64,507.50	76,000.13
Other Income & Charges - Net	1,256.01	1,495.08
Net Income	63,251.49	74,505.05
Profit & Loss - Credit	22,179.09	10.69
Net Profit	\$ 85,430.58	\$ 74,515.74

Respectfully submitted,

Original Signed
I. N. BAYLESS
President

200-41

March 7, 1952

Mr. A. E. Stoddard - President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1951:

CAPITAL EXPENDITURES:

Light and Power Department	\$123,431.50
Water Department	<u>137,328.00</u>
Total	\$260,759.50

NON-CAPITAL EXPENDITURES:

Light and Power Department	\$ 7,808.70
Water Department	<u>14,388.02</u>
Total	\$ 22,196.72

Light and Power Department

Income, expenses and net revenue of the Light and Power Department at Rock Springs and Green River, exclusive of Merchandise Department, for 1950 and 1951:

	<u>1950</u>	<u>1951</u>
Electric Energy Sold, KWH	21,865,034	23,024,633
Revenue received from sale of electricity	\$638,522.99	\$672,637.16
Misc. operating revenues	<u>695.78</u>	<u>759.26</u>
Total operating revenues	\$639,218.77	\$673,396.42
Operating expenses:		
Energy purchased	\$461,674.11	468,492.47
Other expenses	<u>103,434.26</u>	<u>111,660.64</u>
Total expenses exclusive of taxes	\$565,108.37	\$580,153.11
Net revenue, exclusive of taxes & uncollectible bills	\$ 74,110.40	\$ 93,243.31
Taxes & uncollectible bills	<u>42,999.68</u>	<u>56,231.84</u>
Net income	\$ 31,110.72	\$ 37,011.47

Income, expenses and net revenue of the Light and Power Department at Hanna for 1950 and 1951:

	<u>1950</u>	<u>1951</u>	
Electric energy sold, KWH	668,154	4,923,189 6,988,118 (X)	
Revenue received from sale of energy	\$ 28,372.01	\$ 69,814.48	
Operating expenses:			
Energy purchased	\$ 16,703.87	\$ 46,200.76	
Other expenses	<u>5,755.69</u>	<u>10,573.89</u>	
Total expenses exclusive of taxes	\$ 22,459.56	\$ 56,774.65	
Net revenue, exclusive of taxes and uncollectible bills	5,912.45	13,039.83	
Taxes and uncollectible bills	<u>2,946.73</u>	<u>7,013.65</u>	
Net income	\$ 2,965.72	\$ 6,026.18	

Income, expenses, and net revenue of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1950 and 1951:

	<u>1950</u>	<u>1951</u>
Electric energy sold, KWH	22,533,188	30,012,751
Revenue received from sale of energy	\$666,895.00	\$742,451.64
Misc. operating revenues	<u>695.78</u>	<u>759.26</u>
Total operating revenues	\$667,590.78	\$743,210.90
Operating expenses:		
Energy purchased	\$478,377.98	\$514,693.23
Other expenses	<u>109,189.95</u>	<u>122,234.53</u>
Total expenses exclusive of taxes	\$587,567.93	\$636,927.76
Net revenue, excl. of taxes & uncollectible bills	\$ 80,022.85	\$106,283.14
Taxes & uncollectible bills	<u>45,946.41</u>	<u>63,245.49</u>
Net income	\$ 34,076.44	\$ 43,037.65

Water Department

Following is shown a condensed statement of income, expenses and net revenue for the Water Department for 1950 and 1951:

Revised - K.E. Darling's letter 3/5/1953.

Water Sales:	1950	1951
U.P.R.R. Co.	\$ 64,365.02	\$ 73,903.11
The Union Pacific Coal Co.	34,447.69	33,261.05
Others	152,617.50	164,986.17
Hydrant Rentals	5,060.04	5,276.68
Misc. Revenue	220.29	99.12
Total Operating Revenues	<u>\$256,710.54</u>	<u>\$277,526.13</u>
Total Operating Expenses	\$168,497.11	\$176,886.62
Depreciation & Amortization	<u>38,000.58</u>	<u>36,931.35</u>
Total Operating Expenses, Depreciation & Amortization	<u>\$206,497.69</u>	<u>\$213,817.97</u>
Net Operating Revenue, Exclusive of Taxes	\$ 50,212.85	\$ 63,708.16
Taxes & Uncollectible Bills	<u>32,114.36</u>	<u>41,903.38</u>
Net Income from Operations	<u>\$ 18,098.49</u>	<u>\$ 21,804.78</u>

Distribution of pumpage for year 1951 as compared with 1950

is as follows:

	1950	1951
<u>Green River</u>		
Union Pacific Railroad Co.	476,086,560	523,774,846
Others	242,397,440	156,901,154
<u>Rock Springs</u>		
Union Pacific Railroad Co.	62,022,173	60,159,548
Others	<u>369,547.827</u>	<u>360,770.452</u>
Total from Green River Plant	<u>1,150,054,000</u>	<u>1,101,606,000</u>
<u>Reliance Plant</u>		
Reliance	43,873,320	34,745,811
E-Plane	2,075,812	1,597,500
Stansbury	<u>18,100.395</u>	<u>17,792.430</u>
Total Reliance Plant	<u>64,049.527</u>	<u>54,135.741</u>
GRAND TOTAL	<u>1,214,103.527</u>	<u>1,155,741.741</u>

SUMMARY - ALL DEPARTMENTS

	<u>1950</u>	<u>1951</u>
Operating Revenues:		
Light and Power Department	\$667,590.78	\$743,210.90
Water Department	256,710.54	277,526.13
Merchandise Department	<u>798.66</u>	<u>878.46</u>
Total	\$925,099.98	\$1,021,615.49
Operating Expenses:		
Light and Power Department	\$587,567.93	\$ 636,927.76
Water Department	206,497.69	213,817.97
Merchandise Department	<u>1,034.42</u>	<u>1,095.35</u>
Total	\$795,100.04	\$ 851,841.08
Taxes:		
Light and Power Department	\$ 45,700.07	\$ 62,742.23
Water Department	32,024.02	41,757.58
Merchandise Department	<u>114.25</u>	<u>118.04</u>
Total	\$ 77,838.34	\$ 104,617.85
Uncollectible bills:		
Light and Power Department	\$ 246.34	\$ 503.26
Water Department	90.34	145.80
Merchandise Department	<u>-</u>	<u>-</u>
Total	\$ 336.68	\$ 649.06
Total Expenses, Taxes and Uncollectible Bills	\$873,275.06	\$ 957,107.99
Net Income from Operations	51,824.92	64,507.50
Other Income & Charges - Net	1,198.69	1,256.01
Net Income	50,626.23	63,251.49
Profit and Loss - Credit	<u>14.75</u>	<u>22,179.02</u>
Net Profit	\$ 50,640.98	\$ 85,430.58

Respectfully submitted,

Original Signed
J. N. BAYLESS
President

March 9, 1951

Mr. A. E. Stoddard - President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1950:

CAPITAL EXPENDITURES:

Light and Power Department	\$32,669.41
Water Department	<u>40,846.90</u>
Total	\$73,516.31

NON-CAPITAL EXPENDITURES:

Light and Power Department	\$ 7,349.17
Water Department	<u>2,498.53</u>
Total	\$ 9,847.70

Light and Power Department

Income, expenses and net revenue of the Light and Power
Department at Rock Springs and Green River, exclusive of Merchan-
dise Department, for 1949 and 1950:

	<u>1949</u>	<u>1950</u>
Electric Energy Sold, KWH	21,684,834	21,865,034
Revenue received from sale of electricity	\$626,838.81	\$638,522.99
Misc. operating revenues	<u>666.02</u>	<u>695.78</u>
Total operating revenues	\$627,504.83	\$639,218.77
Operating expenses:		
Energy purchased	\$450,649.06	\$461,674.11
Other expenses	<u>102,316.38</u>	<u>103,434.26</u>
Total expenses exclusive of taxes	\$552,965.44	\$565,108.37
Net revenue, exclusive of taxes & uncollectible bills	\$ 74,539.39	\$ 74,110.40
Taxes & uncollectible bills	<u>40,834.90</u>	<u>42,999.68</u>
Net income	\$ 33,704.49	\$ 31,110.72

Income, expenses and net revenue of the Light and Power Department at Hanna for 1949 and 1950:

	<u>1949</u>	<u>1950</u>
Electric energy sold, KWH	<u>551.855</u>	<u>668.154</u>
Revenue received from sale of energy	\$ 24,037.84	\$ 28,372.01
Operating expenses:		
Energy purchased	13,796.37	16,703.87
Other expenses	<u>6,314.08</u>	<u>5,755.69</u>
Total expenses exclusive of taxes	\$ 20,110.45	\$ 22,459.56
Net revenue, exclusive of taxes and uncollectible bills	3,927.39	5,912.45
Taxes and uncollectible bills	<u>1,938.72</u>	<u>2,946.73</u>
Net income	\$ 1,988.67	\$ 2,965.72

Income, expenses, and net revenue of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1949 and 1950:

	<u>1949</u>	<u>1950</u>
Electric energy sold, KWH	<u>22,236.689</u>	<u>22,533.188</u>
Revenue received from sale of energy	\$650,876.65	\$666,895.00
Misc. operating revenues	<u>666.02</u>	<u>695.78</u>
Total operating revenues	\$651,542.67	\$667,590.78
Operating expenses:		
Energy purchased	\$464,445.43	\$478,377.98
Other expenses	<u>108,630.46</u>	<u>109,189.95</u>
Total expenses exclusive of taxes	\$573,075.89	\$587,567.93
Net revenue, excl. of taxes & uncollectible bills	\$ 78,466.78	\$ 80,022.85
Taxes & uncollectible bills	<u>42,773.62</u>	<u>45,946.41</u>
Net income	\$ 35,693.16	\$ 34,076.44

Water Department

Following is shown a condensed statement of income, expenses and net revenue for the Water Department for 1949 and 1950:

Water Sales:	<u>1949</u>	<u>1950</u>
U. P. R. R. Co.	\$ 67,161.10	\$ 64,365.02
The Union Pacific Coal Co.	34,005.62	34,447.69
Others	150,626.75	152,617.50
Hydrant Rentals	4,752.54	5,060.04
Misc. Revenue	40.62	220.29
Total Operating Revenues	<u>\$256,586.63</u>	<u>\$256,710.54</u>
Total Operating Expenses	\$190,490.03	\$168,497.11
Depreciation & Amortization	<u>37,646.91</u>	<u>38,000.58</u>
Total Operating Expenses, De- preciation & Amortization	<u>\$228,136.94</u>	<u>\$206,497.69</u>
Net Operating Revenue, Excl- usive of Taxes	\$ 28,449.69	\$ 50,212.85
Taxes & Uncollectible Bills	<u>26,619.47</u>	<u>32,114.36</u>
Net Income from Operations	<u>\$ 1,830.22</u>	<u>\$ 18,098.49</u>

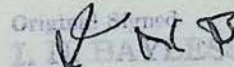
Distribution of pumpage for year 1950 as compared with
1949 is as follows:

	<u>1949</u>	<u>1950</u>
<u>Green River</u>		
Union Pacific Railroad Co.	538,431,817	476,086,560
Others	225,776,183	242,397,440
<u>Rock Springs</u>		
Union Pacific Railroad Co.	65,391,038	62,022,173
Others	<u>367,398,962</u>	<u>369,547,827</u>
Total from Green River Plant	<u>1,196,998,000</u>	<u>1,150,054,000</u>
<u>Reliance Plant</u>		
Reliance	37,081,613	43,873,320
E-Plane	1,224,510	2,075,812
Stansbury	<u>17,388,073</u>	<u>18,100,395</u>
Total Reliance Plant	<u>55,694,196</u>	<u>64,049,527</u>
GRAND TOTAL	<u>1,252,692,196</u>	<u>1,214,103,527</u>

SUMMARY - ALL DEPARTMENTS

	<u>1949</u>	<u>1950</u>
Operating Revenues:		
Light and Power Department	\$651,542.67	\$667,590.78
Water Department	256,586.63	256,710.54
Merchandise Department	752.02	798.66
Total	\$908,881.32	\$925,099.98
Operating Expenses:		
Light and Power Department	\$573,075.89	\$587,567.93
Water Department	228,136.94	206,497.69
Merchandise Department	990.39	1,034.42
Total	\$802,203.22	\$795,100.04
Taxes:		
Light and Power Department	\$ 42,682.47	\$ 45,700.07
Water Department	26,619.47	32,024.02
Merchandise Department	99.31	114.25
Total	\$ 69,401.25	\$ 77,838.34
Uncollectible bills:		
Light and Power Department	\$ 91.15	246.34
Water Department	-	90.34
Merchandise Department	-	-
Total	\$ 91.15	\$ 336.68
Total Expenses, Taxes and Uncollectible Bills	\$871,695.62	\$873,275.06
Net Income from Operations	37,185.70	51,824.92
Other Income & Charges - Net	334.29	1,198.69
Net Income	36,851.41	50,626.23
Profit and Loss - Credit	4,481.61	14.75
Net Profit	\$ 41,333.02	\$ 50,640.98

Respectfully submitted,


 L. H. HAYES
 President

1 9 4 9

March 27, 1950

200-41

Mr. A. E. Stoddard - President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1949:

CAPITAL EXPENDITURES:

Light and Power Department	\$36,045.26
Water Department	<u>9,345.96</u>
Total	\$45,391.22

NON-CAPITAL EXPENDITURES:

Light and Power Department	\$10,968.58
Water Department	<u>14,380.07</u>
Total	\$25,348.65

Light and Power Department

The following is a statement of income, expenses and net
revenue of the Rock Springs Light and Power Department (exclusive
of Merchandise Department) for the three years, 1947, 1948 and 1949:

	<u>1947</u>	<u>1948</u>	<u>1949</u>
Electric Energy Sold, KWH	14,161,229	15,832,260	15,058,683
Revenue received from sale of energy	\$405,135.15	\$458,337.93	\$450,972.88
Misc. Operating Revenues	<u>453.39</u>	<u>506.50</u>	<u>477.70</u>
Total Operating Revenues	\$405,588.54	\$458,844.43	\$451,450.58
Operating Expenses:			
Energy purchased	\$308,998.08	\$342,244.60	\$325,435.26
Other expenses	<u>58,026.53</u>	<u>72,683.21</u>	<u>70,457.95</u>
Total expenses exclusive of taxes	\$367,024.61	\$414,927.81	\$395,893.21
Net revenue, excl. of taxes & uncollectible bills	\$ 38,563.93	\$ 43,916.62	\$ 55,557.37
Taxes & uncollectible bills	<u>23,594.60</u>	<u>26,924.51</u>	<u>32,534.94</u>
Net Income	\$ 14,969.33	\$ 16,992.11	\$ 23,022.43

The following statement reflects KWH furnished and gross income by sources:

	<u>K W H</u>		
	<u>1947</u>	<u>1948</u>	<u>1949</u>
1. Residential service	2,966,843	3,984,149	4,498,014
2. Commercial light	2,079,068	2,399,115	2,744,794
3. Commercial Appliance	290,784	274,079	282,411
4. Small power	823,575	879,567	1,033,742
5. Signs	88,633	96,572	111,094
6. Hospital	162,274	154,011	153,630
7. Large power	6,699,740	6,810,400	4,919,205
8. South Superior	274,600	300,800	324,400
9. Street lighting	395,800	453,112	495,500
10. Rural	379,912	480,455	495,893
TOTAL	14,161,229	15,832,260	15,058,683

	<u>Gross Revenue Received from Sale of Electricity</u>			
	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>Per KWH - 1949</u>
1. Residential Service	\$102,627.85	\$137,773.07	\$150,772.80	\$.03352
2. Commercial light	76,020.92	86,326.68	97,090.91	.03537
3. Commercial Appliance	7,100.26	6,675.85	6,755.68	.02392
4. Small power	36,260.63	38,305.02	43,148.27	.04174
5. Signs	3,663.74	3,881.73	4,265.39	.03839
6. Hospital	4,113.88	4,003.43	3,916.41	.02549
7. Large power	139,011.45	140,847.11	102,980.92	.02093
8. South Superior	9,694.15	10,573.09	11,051.14	.03407
9. Street lighting	11,449.05	11,556.10	11,752.76	.02372
10. Rural	15,193.22	18,395.85	19,238.60	.03880
TOTAL	\$405,135.15	\$458,337.93	\$450,972.88	\$.02995
Gross revenue per KWH	.02861	.02895	.02995	

It will be noted that gross revenue from sale of energy has decreased \$7,365.05, but net revenue prior to taxes increased \$11,640.75. This is due to the fact that the decrease in industrial power has been largely overcome by increase in sales of power to the growing number of other consumers in which there is a larger element of profit.

Following is a statement of income, expenses and net revenue of the Green River Light and Power Department for the three years, 1947, 1948 and 1949:

	<u>1947</u>	<u>1948</u>	<u>1949</u>
Electric Energy Sold, KWH	5,158,495	6,223,709	6,626,151
Revenue received from sale of energy	\$146,623.79	\$165,935.32	\$175,865.93
Misc. operating revenues	109.30	260.21	188.32
Total operating revenues	\$146,733.09	\$166,195.53	\$176,054.25
Operating expenses:			
Energy purchased	\$108,305.59	\$115,614.59	\$125,213.80
Other expenses	26,621.73	33,142.32	31,858.43
Total expenses exclusive of taxes	\$134,927.32	\$148,756.91	\$157,072.23
Net revenue, exclusive of taxes & uncollectible bills	\$ 11,805.77	\$ 17,438.62	\$ 18,982.02
Taxes & uncollectible bills	9,027.31	11,186.25	8,299.96
Net Income	\$ 2,778.46	\$ 6,252.37	\$ 10,682.06

The following statement reflects KWH furnished and gross

income by sources:

	<u>1947</u>	<u>1948</u>	<u>1949</u>
1. Residential service	1,258,181	1,265,912	1,342,134
2. Residential with water heating	286,378	365,771	410,803
3. Commercial light	500,594	539,908	587,463
4. Commercial heating & cooking	96,942	82,856	81,534
5. Small power	182,296	209,770	201,389
6. Gravel pit	96,534	61,594	61,448
7. Church lighting	8,056	9,124	9,640
8. Industrial	2,591,550	3,550,810	3,789,752
9. Street lighting	137,964	137,964	141,988
TOTAL	5,158,495	6,223,709	6,626,151

Gross Revenue Received from Sale of Electricity

	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>Per KWH - 1949</u>
1. Residential service	\$ 41,571.78	\$ 41,987.39	\$ 43,982.20	\$.03277
2. Residential with water heating	5,956.05	7,710.41	8,653.79	.02107
3. Commercial lighting	23,781.07	25,705.40	27,747.25	.04723
4. Commercial heating & cooking	2,968.55	2,574.28	2,551.74	.03130
5. Small power	7,403.38	8,076.71	7,707.90	.03827
6. Gravel pit	3,885.60	2,523.92	2,496.92	.04063
7. Church lighting	350.53	391.32	416.03	.04316
8. Industrial	55,695.99	71,955.05	77,086.30	.02034
9. Street lighting	5,010.84	5,010.84	5,223.80	.03679
TOTAL	\$146,623.79	\$165,935.32	\$175,865.93	\$.02654
Gross revenue per KWH	.02842	.02666	.02654	

Residential and commercial lighting have increased steadily, a few new residences being built, and an increased use of appliances. The major portion of the increase in industrial power is due to increased consumption at Westvaco which amounted to 219,000 KWH over 1948.

The following statement shows income, expenses and net revenue of the Light and Power Department at Hanna for the last eight months of 1948 and the year 1949:

	<u>8 months 1948</u>	<u>1949</u>
Electric energy sold, KWH	<u>357,070</u>	<u>551,855</u>
Revenue received from sale of energy	\$ 14,604.86	\$ 24,037.84
Operating expenses:		
Energy purchased	8,926.75	13,796.37
Other expenses	<u>6,490.57</u>	<u>6,314.08</u>
Total expenses exclusive of taxes	\$ 15,417.32	\$ 20,110.45
Net revenue, exclusive of taxes and uncollectible bills	812.46	3,927.39
Taxes and uncollectible bills	<u>354.84</u>	<u>1,938.72</u>
Net income	\$ 1,167.30	\$ 1,988.67

The following statement shows the income, expenses, and net revenue of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1947, 1948 and 1949:

	<u>1947</u>	<u>1948</u>	<u>1949</u>
Electric energy sold, KWH	<u>19,319,724</u>	<u>22,413,039</u>	<u>22,236,689</u>
Revenue received from sale of energy	\$551,758.94	\$638,878.11	\$650,876.65
Misc. operating revenues	542.69	766.71	666.02
Total operating revenues	<u>\$552,301.63</u>	<u>\$639,644.82</u>	<u>\$651,542.67</u>
Operating expenses:			
Energy purchased	\$417,303.67	\$466,785.94	\$464,445.43
Other expenses	<u>64,648.26</u>	<u>112,316.10</u>	<u>108,630.46</u>
Total expenses exclusive of taxes	<u>\$501,951.93</u>	<u>\$579,102.04</u>	<u>\$573,075.89</u>
Net revenue, excl. of taxes & uncollectible bills	\$ 50,349.70	\$ 60,542.78	\$ 78,466.78
Taxes and uncollectible bills	<u>32,621.91</u>	<u>38,465.60</u>	<u>42,773.62</u>
Net income	\$ 17,727.79	\$ 22,077.18	\$ 35,693.16

Effective July 1, 1949, the Southern Wyoming Utilities Company purchased The Union Pacific Coal Company's power distribution systems at Stansbury, Hanna and White Mountain Addition, Rock Springs, and leased the Coal Company's power distribution systems at Reliance, Winton and Superior.

Water Department

Following is shown a condensed statement of income, expenses and net revenue for the Water Department for the three years ended December 31, 1949:

	<u>1947</u>	<u>1948</u>	<u>1949</u>
Water Sales:			
U.P.R.R.Co.	\$ 89,411.41	\$ 77,129.26	\$ 67,161.10
The Union Pacific Coal Co.	41,836.63	35,453.11	34,005.62
Others	133,094.32	148,554.50	150,626.75
Hydrant Rentals	4,345.04	4,400.04	4,752.54
Misc. Revenue, Income & Royalty	66.53	50.29	40.62
Total Operating Revenues	<u>\$268,753.93</u>	<u>\$265,587.20</u>	<u>\$256,586.63</u>
Total Operating Expenses	\$162,241.65	\$185,813.39	\$190,490.03
Depreciation & Amortization	<u>31,258.98</u>	<u>33,327.99</u>	<u>37,646.91</u>
Total Operating Expenses, Depreciation & Amortization	<u>\$193,500.63</u>	<u>\$219,141.38</u>	<u>\$228,136.94</u>
Net Operating Revenue, Exclusive of Taxes	\$ 75,253.30	\$ 46,445.82	\$ 28,449.69
Taxes & Uncollectible Bills	<u>43,181.94</u>	<u>33,951.03</u>	<u>26,619.47</u>
Net Income from Operations	<u>\$ 32,071.36</u>	<u>\$ 12,494.79</u>	<u>\$ 1,830.22</u>

Distribution of pumpage for year 1949 as compared with 1948 is as follows:

	<u>1948</u>	<u>1949</u>
<u>Green River</u>		
Union Pacific Railroad Co.	676,991,115	538,431,817
Others	198,726,885	225,776,183
<u>Rock Springs</u>		
Union Pacific Railroad Co.	61,779,412	65,391,038
Others	<u>360,290,588</u>	<u>367,398,962</u>
Total from Green River Plant	1,297,788,000	1,196,998,000
<u>Reliance Plant</u>		
Reliance	47,409,937	57,081,613
E-Plane	1,995,367	1,224,510
Stansbury	<u>19,312,005</u>	<u>17,388,073</u>
Total Reliance Plant	68,717,309	55,694,196
GRAND TOTAL	1,366,505,309	1,252,692,196

SUMMARY - ALL DEPARTMENTS

	<u>1947</u>	<u>1948</u>	<u>1949</u>
Operating Revenues:			
Light and Power Department	\$552,301.63	\$639,644.82	\$651,542.67
Water Department	268,753.93	265,587.20	256,586.63
Merchandise Department	<u>1,140.79</u>	<u>1,572.42</u>	<u>752.02</u>
Total	\$822,196.35	\$906,804.44	\$908,881.32
Operating Expenses:			
Light and Power Department	\$501,951.93	\$579,102.04	\$573,075.89
Water Department	193,500.63	219,141.38	228,136.94
Merchandise Department	<u>884.61</u>	<u>953.19</u>	<u>990.39</u>
Total	\$696,337.17	\$799,196.61	\$802,203.22
Taxes:			
Light and Power Department	\$ 32,533.75	\$ 38,025.67	\$ 42,682.47
Water Department	43,121.59	33,864.22	26,619.47
Merchandise Department	<u>167.98</u>	<u>301.00</u>	<u>99.31</u>
Total	\$ 75,823.32	\$ 72,190.89	\$ 69,401.25
Uncollectible bills:			
Light and Power Department	\$ 88.16	439.93	91.15
Water Department	60.35	86.81	-
Merchandise Department	<u>-</u>	<u>-</u>	<u>-</u>
Total	\$ 148.51	\$ 526.74	\$ 91.15
Total Expenses, Taxes and Uncollectible Bills	\$772,309.00	\$871,914.24	\$871,695.62
Net Income from Operations	49,887.35	34,890.20	37,185.70
Other Income & Charges - Net	1,196.34	938.82	334.29
Net Income	48,691.01	33,951.38	36,851.41
Profit and Loss - Credit	5,617.00	342.28	4,481.61
" " " - Debit	<u>-</u>	<u>-</u>	<u>-</u>
Net Profit	\$ 54,308.01	\$ 34,293.66	\$ 41,333.02

Respectfully submitted,

Original Signed

L. N. DAYLESS

President

1948

200-41

March 17, 1949

Mr. A. E. Stoddard - President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1948:

CAPITAL EXPENDITURES:

Light and Power Department	\$ 21,592.36
Water Department	<u>143,126.23</u>
Total	\$164,718.59

NON-CAPITAL EXPENDITURES:

Light and Power Department	\$ 24,231.62
Water Department	<u>13,772.27</u>
Total	\$ 38,003.89

Light and Power Department

The following is a statement of income, expenses and
net revenue of the Rock Springs Light and Power Department (exclusive
of Merchandise Department) for the three years, 1946, 1947 and 1948:

	<u>1946</u>	<u>1947</u>	<u>1948</u>
Elec. Energy Sold, KWH	13,412,024	14,161,229	15,832,260
Revenue received from sale of energy	\$385,276.22	\$405,135.15	\$458,337.93
Misc. Operating revenues	<u>251.92</u>	<u>433.39</u>	<u>506.50</u>
Total operating revenues	\$385,528.14	\$405,568.54	\$458,844.43
Operating Expenses:			
Energy purchased	\$294,397.54	\$308,998.08	\$342,244.60
Other expenses	<u>45,565.49</u>	<u>58,026.53</u>	<u>72,683.21</u>
Total expenses excl. of taxes	\$339,963.03	\$367,024.61	\$414,927.81
Net revenue, excl. of taxes and uncollectible bills	\$ 45,565.11	\$ 38,543.93	\$ 43,916.62
Taxes & uncollectible bills	<u>23,517.44</u>	<u>23,594.60</u>	<u>26,924.51</u>
Net income	\$ 22,047.67	\$ 14,949.33	\$ 16,992.11

The following statement reflects KWH furnished and gross income by sources:

	K W H		
	<u>1946</u>	<u>1947</u>	<u>1948</u>
1. Residential service	2,652,386	2,966,843	3,984,149
2. Commercial light	1,889,343	2,079,068	2,399,115
3. Commercial Appliance	276,559	290,784	274,079
4. Small power	899,944	823,575	879,567
5. Signs	79,730	88,633	96,572
6. Hospital	162,082	162,274	154,011
7. Large power	6,508,170	6,699,740	6,810,400
8. South Superior	240,000	274,600	300,800
9. Street lighting	378,800	395,800	455,112
10. Rural	325,010	379,912	480,455
TOTAL	13,412,024	14,161,229	15,832,260

Gross Revenue Received from Sale of Electricity

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>Per KWH - 1948</u>
1. Residential Service	\$ 93,623.15	\$102,627.85	\$137,773.07	\$.03458
2. Commercial light	69,105.16	76,020.92	86,326.68	.03598
3. Commercial Appliance	6,826.11	7,100.26	6,675.85	.02436
4. Small power	38,390.78	36,260.63	38,305.02	.04355
5. Signs	3,333.28	3,663.74	3,881.73	.04020
6. Hospital	4,204.19	4,113.88	4,003.43	.02599
7. Large power	136,334.05	139,011.45	140,847.11	.02068
8. South Superior	8,543.14	9,694.15	10,573.09	.03515
9. Street lighting	11,328.92	11,449.05	11,556.10	.02550
10. Rural	13,587.44	15,193.22	18,395.85	.03829
TOTAL	\$385,276.22	\$405,135.15	\$458,337.93	\$.02895
Gross revenue per KWH	.02873	.02861	.02895	

Following is a statement of income, expenses and net revenue of the Green River Light and Power Department for the three years, 1946, 1947 and 1948:

	<u>1946</u>	<u>1947</u>	<u>1948</u>
Elec. Energy Sold, KWH	4,934,114	5,158,495	6,223,709
Rev. rec'd. from sale of energy	\$135,699.15	\$146,623.79	\$165,935.32
Misc. operating revenues	-	109.30	260.21
Total operating revenues	\$135,699.15	\$146,733.09	\$166,195.53
Operating expenses:			
Energy purchased	\$108,663.97	\$108,305.59	\$115,614.59
Other expenses	23,541.28	26,621.73	33,142.32
Total expenses excl. of taxes	\$132,205.25	\$134,927.32	\$148,756.91
Net revenue, excl. of taxes & uncollectible bills	\$ 3,493.90	\$ 11,805.77	\$ 17,438.62
Taxes & uncollectible bills	6,570.84	9,027.31	11,186.25
Net income	\$ 3,076.94	\$ 2,778.46	\$ 6,252.37

The following statement reflects KWH furnished and gross income by sources:

	K W H		
	<u>1946</u>	<u>1947</u>	<u>1948</u>
1. Residential service	1,145,426	1,258,181	1,265,912
2. Residential with water heating	225,605	286,378	365,771
3. Commercial light	433,581	500,594	539,908
4. Commercial heating and cooking	64,830	96,942	82,856
5. Small power	186,445	182,296	209,770
6. Gravel pit	69,532	96,534	61,594
7. Church lighting	7,614	8,056	9,124
8. Industrial	2,663,657	2,591,550	3,550,810
9. Street lighting	<u>137,424</u>	<u>137,964</u>	<u>137,964</u>
TOTAL	4,934,114	5,158,495	6,223,709

Gross Revenue Received from Sale of Electricity

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>Per KWH-1948</u>
1. Residential service	\$ 39,091.40	\$ 41,571.78	\$ 41,987.39	\$.03317
2. Residential with water heating	4,765.38	5,956.05	7,710.41	.02108
3. Commercial light	20,981.82	23,781.07	25,705.40	.04761
4. Commercial heating and cooking	1,981.57	2,968.55	2,574.28	.03107
5. Small power	7,376.03	7,403.38	8,076.71	.03850
6. Gravel pit	3,052.62	3,885.60	2,523.92	.04098
7. Church lighting	330.91	350.53	391.32	.04289
8. Industrial	53,315.58	55,695.99	71,955.05	.02026
9. Street lighting	<u>4,803.84</u>	<u>5,010.84</u>	<u>5,010.84</u>	<u>.03632</u>
TOTAL	\$135,699.15	\$146,623.79	\$165,935.32	\$.02666
Gross revenue per KWH	.02750	.02842	.02666	

Effective May 1, 1948, The Union Pacific Coal Company's power distribution system at Hanna, Wyoming, was leased to Southern Wyoming Utilities Company, the required electric energy being sold by the Coal Company to the Utilities Company at a unit price of \$.025 per kilowatt hour, and distributed by the Utilities Company, whose Certificate of Public Convenience and Necessity was amended by the Wyoming Public Service Commission to include a portion of Carbon County, Wyoming. During the period May 1 to December 31, 1948, the distribution of electric energy in the Hanna territory

produced the following results:

Electric energy sold, KWH	357,070
Revenue received from sale of energy	<u>\$ 14,604.86</u>
Operating expenses:	
Energy purchased	8,926.75
Other expenses	<u>6,490.57</u>
Total expenses exclusive of taxes	\$ 15,417.32
Net revenue, exclusive of taxes and uncollectible bills	812.46
Taxes and uncollectible bills	354.84
Net income	1,167.30

The item "Other Expenses" includes an expenditure of \$3,161.18 for the purchase and installation of meters in the Hanna area.

The following statement shows the income, expenses and net revenue of the Light and Power Department at Rock Springs, Green River and Hanna, combined, for 1946, 1947 and 1948:

	<u>1946</u>	<u>1947</u>	<u>1948</u>
Electric energy sold, KWH	<u>18,346.138</u>	<u>19,319.724</u>	<u>22,413.039</u>
Revenue received from sale of energy	\$520,975.37	\$551,758.94	\$638,878.11
Misc. operating revenues	<u>251.92</u>	<u>542.69</u>	<u>766.71</u>
Total operating revenues	<u>\$521,227.29</u>	<u>\$552,301.63</u>	<u>\$639,644.82</u>
Operating expenses:			
Energy purchased	\$403,061.51	\$417,303.67	\$466,785.94
Other expenses	<u>69,106.77</u>	<u>84,648.26</u>	<u>112,316.10</u>
Total expenses exclusive of taxes	<u>\$472,168.28</u>	<u>\$501,951.93</u>	<u>\$579,102.04</u>
Net revenue, exclusive of taxes and uncollectible bills	\$ 49,059.01	\$ 50,349.70	\$ 60,542.78
Taxes and uncollectible bills	<u>30,088.28</u>	<u>32,621.91</u>	<u>38,465.60</u>
Net income	\$ 18,970.73	\$ 17,727.79	\$ 22,077.18

Water Department

Following is shown a condensed statement of income, expenses and net revenue for the Water Department for the three

years ended December 31, 1948:

	<u>1946</u>	<u>1947</u>	<u>1948</u>
Water Sales:			
U.P. R.R. Co.	\$ 91,354.09	\$ 89,411.41	\$ 77,129.26
The Union Pacific Coal Co.	39,279.95	41,836.63	35,453.11
Others	136,816.34	133,094.32	148,554.50
Hydrant Rentals	4,330.04	4,345.04	4,400.04
Misc. Revenue, Income & Royalty	66.64	66.53	50.29
Total Operating Revenues	<u>\$271,847.06</u>	<u>\$268,753.93</u>	<u>\$265,587.20</u>
Total Operating Expenses	\$174,819.49	\$162,241.65	\$185,813.39
Depreciation & Amortization	20,157.78	31,258.98	33,327.99
Total Operating Expenses, De- preciation & Amortization	<u>\$194,977.27</u>	<u>\$193,500.63</u>	<u>\$219,141.38</u>
Net Operating Revenue, Exclusive of Taxes	\$ 76,869.79	\$ 75,253.30	\$ 46,445.82
Taxes and Uncollectible Bills	41,581.87	43,181.94	33,951.03
Net Income from Operations	<u>\$ 35,287.92</u>	<u>\$ 32,071.36</u>	<u>\$ 12,494.79</u>

Sales to "Others" increased substantially but were offset by decrease in water furnished Union Pacific Railroad and The Union Pacific Coal Company.

Water forces had an extremely busy year installing 24,506 feet of 12-inch C.I. main line, in addition to several other smaller construction jobs, several small line extensions and eight fire hydrant installations. We also did the piping incidental to revamping the heating system in the filter house with our own forces, and connected pumps, primer lines, etc., in the new pump house.

Distribution of pumpage for year 1948 as compared with 1947 is as follows:

	<u>1947</u>	<u>1948</u>
<u>Green River</u>		
Union Pacific Railroad Co.	750,418,673	676,991,115
Others	163,319,327	198,726,885
<u>Rock Springs</u>		
Union Pacific Railroad Co.	79,503,367	61,779,412
Others	310,626,633	360,290,588
Total from Green River Plant	<u>1,303,868,000</u>	<u>1,297,788,000</u>
<u>Reliance Plant</u>		
Reliance	38,710,147	47,409,937
E-Plane	1,790,655	1,995,367
Stansbury	18,079,312	19,312,006
Total Reliance Plant	<u>58,580,114</u>	<u>68,717,309</u>
GRAND TOTAL	<u>1,362,448,114</u>	<u>1,366,505,309</u>

A small alum solution tank and pump have been installed at Reliance and are operating satisfactorily. Plant effluent is clear and the quality of the water has shown considerable improvement.

SUMMARY - ALL DEPARTMENTS

	<u>1946</u>	<u>1947</u>	<u>1948</u>
Operating Revenues:			
Light and Power Department	\$521,227.29	\$552,301.63	\$639,644.82
Water Department	271,847.06	268,753.93	265,587.20
Merchandise Department	719.20	1,140.79	1,572.42
Total	\$793,793.55	\$822,196.35	\$906,804.44
Operating Expenses:			
Light and Power Department	472,168.28	501,951.93	579,102.04
Water Department	194,977.27	193,500.63	219,141.38
Merchandise Department	833.38	884.61	953.19
Total	\$667,978.93	\$696,337.17	\$799,196.61
Taxes:			
Light and Power Department	29,840.12	32,533.75	38,025.67
Water Department	41,559.47	43,121.59	33,864.22
Merchandise Department	93.92	167.98	301.00
Total	\$ 71,493.51	\$ 75,823.32	\$ 72,190.89
Uncollectible bills:			
Light and Power Department	248.16	88.16	439.93
Water Department	22.40	60.35	86.81
Merchandise Department	-	-	-
Total	\$ 270.56	\$ 148.51	\$ 526.74
Total Expenses, Taxes and Uncollectible Bills	739,743.00	772,309.00	871,914.24
Net Income from Operations	54,050.55	49,887.35	34,890.20
Other Income & Charges - Net	811.96	1,196.34	938.82
Net Income	53,238.59	48,691.01	33,951.38
Profit and Loss - Credit	88.87	5,617.00	342.28
" " Debit	-	-	-
Net Profit	53,327.46	54,308.01	34,293.66

Respectfully submitted,

Original Signed
I. N. BAYLESS
President

Y E A R 1947

March 12, 1948

Mr. G. F. Ashby, President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of operations of the Southern Wyoming
Utilities Company for the year 1947:

CAPITAL EXPENDITURES

Light and Power Department	\$106,905.35
Water Department	<u>57,351.18</u>
Total	\$164,256.53

NON-CAPITAL EXPENDITURES:

Light and Power Department	\$ 6,698.26
Water Department	<u>10,880.12</u>
	\$ 17,578.38

The capital expenditures for the Light and Power Department include an item of \$94,266.82 for the construction of approximately 22 miles of power transmission line from Green River to Westvaco, and a transformer substation, to serve the Westvaco Chlorine Products Corporation. The Water Department's capital expenditures include a 1947 charge of \$38,231.03 in connection with the construction of the Green River pumping station, authorized in 1946.

Light and Power Department

The following is a statement of income, expenses and net revenue of the Rock Springs Light and Power Department (exclusive

of Merchandise Department) for the three years, 1945, 1946 and 1947:

	<u>1945</u>	<u>1946</u>	<u>1947</u>
Elec. Energy Sold KWH	<u>13,222,234</u>	<u>13,412,024</u>	<u>14,161,229</u>
Revenue received from sale of energy	\$372,245.28	\$385,276.22	\$405,135.15
Misc. Operating revenues	<u>4.40</u>	<u>251.92</u>	<u>433.39</u>
Total operating revenues	<u>\$372,249.68</u>	<u>\$385,528.14</u>	<u>\$405,568.54</u>
Operating Expenses:			
Energy purchased	\$287,157.04	\$294,397.54	\$308,998.08
Other expenses	<u>45,176.62</u>	<u>45,565.49</u>	<u>58,026.53</u>
Total expenses excl. of taxes	<u>\$332,333.66</u>	<u>\$339,963.03</u>	<u>\$367,024.61</u>
Net revenue, excl. of taxes	\$ 39,916.02	\$ 45,565.11	\$ 38,543.93
Taxes and uncollectible bills	<u>10,908.67</u>	<u>23,517.44</u>	<u>23,594.60</u>
Net income	\$ 29,007.35	\$ 22,047.67	\$ 14,949.33

The following statement reflects KWH furnished and gross income by sources:

	<u>K W H</u>		
	<u>1945</u>	<u>1946</u>	<u>1947</u>
1. Residential Service	2,347,437	2,652,386	2,966,843
2. Commercial Light	1,566,994	1,889,343	2,079,068
3. Commercial Appliance	256,088	276,559	290,784
4. Small Power	834,069	899,944	823,575
5. Signs	66,103	79,730	88,633
6. Hospital	136,779	162,082	162,274
7. Large Power	7,107,485	6,508,170	6,699,740
8. South Superior	234,300	240,000	274,600
9. Street Lighting	366,800	378,800	395,800
10. Rural	<u>306,179</u>	<u>325,010</u>	<u>379,912</u>
TOTAL	13,222,234	13,412,024	14,161,229

Gross Revenue Received from Sale of Electricity				
	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>Per KWH-1947</u>
1. Residential Serv.	\$ 85,485.01	\$ 93,623.15	\$ 102,627.85	\$.03459
2. Commercial Light	58,443.24	69,105.16	76,020.92	.03656
3. Commercial Appli- ance	6,488.50	6,826.11	7,100.26	.02442
4. Small Power	35,937.41	38,390.78	36,260.65	.04403
5. Signs	2,773.26	3,333.28	3,663.74	.04134
6. Hospital	3,849.95	4,204.19	4,113.88	.02535
7. Large Power	147,787.49	136,334.05	139,011.45	.02075
8. South Superior	8,235.62	8,543.14	9,694.15	.03530
9. Street Lighting	11,237.12	11,328.92	11,449.05	.02893
10. Rural	<u>12,007.68</u>	<u>13,587.44</u>	<u>15,193.22</u>	<u>.03999</u>
TOTAL	\$372,245.28	\$385,276.22	\$405,135.15	\$.02861
Gross Rev. per KWH	.02815	.02873	.02861	

Following is a statement of income, expenses and net revenue of the Green River Light and Power Department for the three years, 1945, 1946 and 1947:

	<u>1945</u>	<u>1946</u>	<u>1947</u>
Elec. Energy Sold KWH	<u>4,451,735</u>	<u>4,934,114</u>	<u>5,158,495</u>
Rev. received from sale of energy	\$119,847.58	\$135,699.15	\$146,623.79
Misc. operating revenues	-	-	109.30
Total operating revenues	<u>\$119,847.58</u>	<u>\$135,699.15</u>	<u>\$146,733.09</u>
Operating expenses:			
Energy purchased	\$124,195.91	\$108,663.97	\$108,305.59
Other expenses	23,962.52	23,541.28	26,621.73
Total expenses excl. of taxes	<u>\$148,165.43</u>	<u>\$132,205.25</u>	<u>\$134,927.32</u>
Net revenue, excl. of taxes	\$ 28,317.85	\$ 3,493.90	\$ 11,805.77
Taxes and uncollectible bills	<u>6,944.22</u>	<u>6,570.84</u>	<u>9,027.31</u>
Net income	\$ 35,262.07	\$ 3,076.94	\$ 2,778.46

Shown below statement reflecting KWH furnished and gross income by sources:

	K W H		
	<u>1945</u>	<u>1946</u>	<u>1947</u>
1. Residential Service	1,063,477	1,145,426	1,258,181
2. Residential with hot water heating	197,854	225,605	286,378
3. Commercial light	353,272	433,581	500,594
4. Commercial heating & cooking	22,432	64,830	96,942
5. Small power	127,803	186,445	182,296
6. Gravel pit	48,511	69,532	96,534
7. Church lighting	5,612	7,614	8,056
8. Industrial	2,505,350	2,663,657	2,591,550
9. Street lighting	<u>137,424</u>	<u>137,424</u>	<u>137,964</u>
TOTAL	4,451,735	4,934,114	5,158,495

Gross Revenue Received from Sale of Electricity				
	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>Per KWH - 1947</u>
1. Residential Serv.	\$ 36,645.69	\$ 39,091.40	\$ 41,571.78	\$.03304
2. Residential with hot water heating	4,265.96	4,765.38	5,956.05	.02080
3. Commercial light	16,950.25	20,981.82	23,781.07	.04751
4. Comm.heating & cooking	689.58	1,981.57	2,968.55	.03062
5. Small power	5,193.53	7,376.03	7,403.38	.04061
6. Gravel pit	1,962.72	3,052.62	3,885.60	.04025
7. Church lighting	241.86	330.91	350.53	.04351
8. Industrial	49,163.15	53,315.58	55,695.99	.02149
9. Street lighting	<u>4,734.84</u>	<u>4,803.84</u>	<u>5,010.84</u>	<u>.03632</u>
TOTAL	\$119,847.58	\$135,699.15	\$146,623.79	\$.02842
Gross Rev. per KWH	.02692	.02750	.02842	

The following statement shows the income, expenses and net revenue of the combined Rock Springs and Green River Divisions of the Light and Power Department for 1945, 1946 and 1947:

	<u>1945</u>	<u>1946</u>	<u>1947</u>
Elec. Energy Sold KWH	17,673,969	18,346,138	19,319,724
Revenue received from sale of energy	\$492,092.86	\$520,975.37	\$551,758.94
Misc. operating revenues	4.40	251.92	542.69
Total operating revenues	\$492,097.26	\$521,227.29	\$552,301.63
Operating expenses:			
Energy purchased	411,352.95	403,061.51	417,303.67
Other expenses	69,146.14	69,106.77	84,648.26
Total expenses excl. of taxes	\$480,499.09	\$472,168.28	\$501,951.93
Net revenue, excl. of taxes	\$ 11,598.17	49,059.01	50,349.70
Taxes & uncollectible bills	17,852.89	30,088.28	32,621.91
Net income	\$ 6,254.72	\$ 18,970.73	\$ 17,727.79

KWH Furnished. Rock Springs and Green River

	<u>1945</u>	<u>1946</u>	<u>1947</u>
1. Residential service	3,598,768	4,023,417	4,511,402
2. Commercial light	1,920,266	2,322,924	2,579,662
3. Commercial appliances	278,520	341,389	387,726
4. Small power	967,484	1,094,003	1,013,927
5. Signs	66,103	79,730	88,633
6. Hospital	136,779	162,082	162,274
7. Large power	9,661,346	9,241,359	9,387,824
8. South Superior	234,300	240,000	274,600
9. Street lighting	504,224	516,224	533,764
10. Rural	306,179	325,010	379,912

TOTAL 17,673,969 18,346,138 19,319,724

Gross Revenue Received from Sale of Electricity - Rock Springs and Green River

	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>Per KWH-1947</u>
1. Residential service	\$126,396.66	\$137,479.93	\$150,155.68	\$.03328
2. Commercial light	75,393.49	90,086.98	99,801.99	.03869
3. Commercial appliances	7,178.08	8,807.68	10,068.81	.02597
4. Small power	41,372.80	46,097.72	44,014.54	.04341
5. Signs	2,773.26	3,333.28	3,663.74	.04134
6. Hospital	3,849.95	4,204.19	4,113.88	.02535
7. Large power	198,913.36	192,702.25	198,593.04	.02115
8. South Superior	8,235.62	8,543.14	9,694.15	.03530
9. Street lighting	15,971.96	16,132.76	16,459.89	.03084
10. Rural	12,007.68	13,587.44	15,193.22	.03999
TOTAL	\$492,092.86	\$520,975.37	\$551,758.94	\$.02856
Gross revenue per KWH	.02784	.02840	.02856	

The continued increase in residential sections has placed a considerable burden on our distribution system, resulting in low voltage in some locations. Voltage regulators ordered during the early part of 1947 have not yet been received. Installation of larger voltage regulator on the Rock Springs circuit and relocation of present regulators to West Flat circuit will assist greatly in alleviating the situation.

Dividing the load south of the tracks at Rock Springs by installation of a 13,000-volt substation as provided in the 1948 budget will further assist in providing additional capacity without the necessity of increasing size of primary lines. Increased voltage results in increased revenue.

The Light and Power Department had an extremely busy year due to the large volume of construction work, in addition to maintenance and operation of the distribution system with an extremely limited force.

We commenced furnishing energy to Westvaco August 25, 1947, 139,000 KWH having been furnished during September to December, inclusive.

Due to increased load, it was necessary to install additional transformers and relocate others. A number of cutouts and arresters were installed during the year and this should be continued as there are a large number of old plug-type cutouts still in use and these are hazardous.

Considerable tree trimming was necessary in order to maintain service and a greater amount remains to be done. During snow or sleet storms heavily loaded branches come down on lines causing outages.

Trouble due to lightning is much more prevalent in Green River than in Rock Springs. This is probably due to lack of lightning arresters and this is being remedied as time and material permit.

Water Department

Following is shown a condensed statement of income, expenses, and net revenues for the Water Department for the three years ended December 31, 1947:

	<u>1945</u>	<u>1946</u>	<u>1947</u>
Water Sales			
U. P. R. R. Co.	\$110,278.92	\$ 91,354.09	\$ 89,411.41
The U.P. Coal Company	31,985.10	39,279.95	41,836.63
Others	122,278.90	136,816.34	133,094.32
Hydrant rentals	4,315.04	4,330.04	4,345.04
Misc. Revenue			
Income and royalty	95.83	66.64	66.53
Total operating revenues	<u>\$268,953.79</u>	<u>\$271,847.06</u>	<u>\$268,753.93</u>
Total operating expenses	\$154,998.29	\$174,819.49	\$162,241.65
Depreciation and amortization	21,822.32	20,157.78	31,258.98
Total operating expenses, depreciation and amortization	<u>\$176,820.61</u>	<u>\$194,977.27</u>	<u>\$193,500.63</u>
Net operating revenue excl. of taxes	\$ 92,133.18	\$ 76,869.79	\$ 75,253.30
Taxes and uncollectible bills	15,093.97	41,581.87	43,181.94
Net income from operations	<u>\$ 77,039.21</u>	<u>\$ 35,287.92</u>	<u>\$ 32,071.36</u>

Revenues from sales to "Others" decreased \$3,722.02 as compared to the peak year, 1946. This was largely due to weather conditions as we had considerable rainfall during the irrigation season.

The Accelerator which was placed in operation during the late fall of 1946 did not prove entirely satisfactory during the period of high turbidities during spring run-off. With turbidities in excess of 5,000 p.p.m. it was ascertained that a sufficient amount of alum could not be added to obtain proper coagulation and that the automatic sludging capacity was inadequate. The equipment was

purchased under a guarantee and the Infilco people were called in to make necessary corrections. The Accelerator originally had four concentrators and four 2-inch discharge lines. Four additional concentrators were added, and four additional 3-inch discharge lines, giving an increase of 225% in capacity of sludge lines. It is believed that with the changes made, a satisfactory effluent should be obtained.

Pumpage at Green River decreased quite appreciably. Distribution for year 1947 as compared with 1945 and 1946 is as follows:

	<u>1945</u>	<u>1946</u>	<u>1947</u>
<u>Green River</u>			
Union Pacific Railroad Co.	932,115,450	845,675,010	750,418,673
Others	192,096,550	211,519,990	163,319,327
<u>Rock Springs</u>			
Union Pacific Railroad Co.	96,621,233	70,033,252	79,503,367
Others	<u>308,638,767</u>	<u>360,776,748</u>	<u>310,626,633</u>
Total from G. R. plant	1,529,472,000	1,488,005,000	1,303,868,000
<u>Reliance</u>			
The Union Pacific Coal Co.	27,953,947	30,673,987	38,710,147
Stansbury	16,445,385	17,698,350	18,079,312
E-Plane	<u>3,418,590</u>	<u>2,534,310</u>	<u>1,790,655</u>
Total Reliance plant	47,817,922	50,906,647	58,580,114
Grand Total	1,577,289,922	1,538,911,647	1,362,448,114

Substantial savings in use of chemicals have been effected by use of the new deep well at Reliance and a much more palatable water is being furnished. The method of removing ferric oxide by use of alum has proven entirely satisfactory. Chemical mixing and feeding apparatus used in lime, soda ash treatment has been used as a temporary expedient. As alum is extremely corrosive it will be

necessary to install a small solution tank and alum feed pump at an early date. This equipment will be inexpensive to purchase and install due to small volume of solution required.

The labor situation has eased somewhat insofar as availability is concerned. Some classes of material are easier to obtain, but insulators, transformers, and cast iron pipe remain particularly difficult.

SUMMARY - ALL DEPARTMENTS

	<u>1945</u>	<u>1946</u>	<u>1947</u>
Operating Revenues:			
Light and Power Dept.	\$492,097.26	\$521,227.29	\$552,301.63
Water Department	268,953.79	271,847.06	268,753.93
Merchandise Department	1,123.18	719.20	1,140.79
Total	\$762,174.23	\$793,793.55	\$822,196.35
Operating Expenses:			
Light and Power Dept.	480,499.09	472,168.28	501,951.93
Water Department	176,820.61	194,977.27	193,500.63
Merchandise Department	756.73	833.58	884.61
Total	\$658,076.43	\$667,978.93	\$696,337.17
Taxes:			
Light and Power Dept.	17,852.89	29,840.12	32,533.75
Water Department	15,093.97	41,559.47	43,121.59
Merchandise Department	88.59	93.92	167.98
Total	\$ 35,035.45	\$ 71,493.51	\$ 75,823.32
Uncollectible bills:			
Light and Power Dept.	-	248.16	88.16
Water Department	-	22.40	60.35
Merchandise Department	-	-	-
Total	\$ -	\$ 270.56	\$ 148.51
Total Expenses, Taxes and Uncollectible Bills	691,111.88	739,743.00	772,309.00
Net Income from Operations	71,062.35	54,050.55	49,887.35
Other Income & Charges-Net	784.12	811.96	1,196.34
Net Income	70,278.23	53,238.59	48,691.01
Profit and Loss - Credit	-	88.87	5,617.00
" " " Debit	141,169.51	-	-
Net Profit	70,891.28	53,327.46	54,308.01

Respectfully submitted,

Original Signed
I. N. BAYLESS
President

Y E A R 1946

March 19, 1947

Mr. G. F. Ashby, President
Union Pacific Railroad Company
Omaha, Nebraska

Dear Sir:

Herewith a resume of the operations of the Southern
Wyoming Utilities Company for the year 1946:

CAPITAL EXPENDITURESLight and Power DepartmentRock Springs Division

Purchase 1½-ton 4-speed truck with winch and utility-
type construction body, and ½-ton truck with utility-
general service body, replacing two ½-ton trucks,
1946 expenditures \$ 3,101.86

(One special body not yet received and one truck
not yet retired - 1947 carryover)

Purchase and install two 34.5 KV 500,000 KVA oil
circuit breakers, necessary switches and 34.5 KV
metering equipment,
1946 expenditures 13,944.99

(Not completed account non-receipt of material -
1947 carryover)

Water DepartmentRock Springs

Lay 1,850 feet of 4-inch CI pipe in alley between
Ninth and Lowell Streets; extend 4-inch line on
Eleventh Street 250 feet westerly and extend 4-
inch line on Tenth Street 350 feet easterly 5,237.17

Lay 200 feet 4-inch CI pipe on O'Donnell Street
from terminus of old line to F Street 538.94

Lay 330 feet 4-inch CI pipe on Rennie Street east from E Street \$ 883.09

Install 28,375 feet 12-inch CI pipe, replacing 8-inch CI pipe, between Rock Springs and Green River 37,919.82

(The lowest bid received on this project was nearly \$25,000 in excess of authority granted; therefore the work was performed by our own forces, and by close supervision and utilizing available labor during the summer and strike periods, we were able to effect substantial savings.)

Green River

Purchase and install 5,000,000-gallon daily capacity clarifying apparatus with chemical feeding equipment, slum storehouse, extension to filter plant and two additional filter units.

Expenditures, 1945	\$ 772.56	
1946	<u>89,731.97</u>	90,504.53

Construct new raw water supply works, including intake, pump house, install remote controlled pumps and lay two 16-inch lines from pump house to existing facilities.

Expenditures, 1945	\$ 8,873.69	
1946	<u>83,280.86</u>	92,154.55

Reliance

Drill and case well, 12-inch diameter, purchase and install submersible pump, extend existing pipe, power and signal lines.

Expenditures, 1945	\$11,499.02	
1946	<u>32,731.24</u>	44,230.26

NON-CAPITAL UNUSUAL EXPENDITURES

Light and Power Department

Rock Springs Division

Additional meters installed during 1946:

49 - 15 amp. 2 wire	\$ 407.18	
50 - 15 " 3 " "	466.98	
3 - 15 " 3 " 3 phase	<u>64.02</u>	938.18

This increase in number of meters is due principally to installations in White Mountain Addition as new houses are completed and ready for occupancy, and in Fourth Addition, where installations have not been completed due to shortage of material.

Additional transformers installed and charged to operations:

3 - 15 KVA transformers	\$486.12	
1 - 5 KVA transformer	<u>98.26</u>	\$ 584.38

One 15 KVA transformer utilized to replace burned out transformer; balance required to amplify service.

Line extension at Blairtown to serve Federal Housing Project; 6 poles, wire and hardware	496.26
--	--------

In addition, one of the 15 KVA transformers shown above, costing \$162.04, was utilized on this project. These apartments were not completed at the end of 1946, but should be available early this year, 16 of the 30 having been completed on February 15. Meters will be installed as the apartments are occupied.

Green River Division

Additional meters installed during 1946:

8 - 15 amp. 3 wire meters	\$ 79.20	
1 - 15 " 3 " 3 phase meter	<u>21.34</u>	100.54

Transformers installed and charged to operations:

2 - 5 KVA transformers	\$229.00	
1 - 10KVA transformer	137.32	
3 - 15KVA transformers	573.33	
1 - 25KVA transformer	<u>221.00</u>	1,160.65

One 5 KVA transformer used to replace similar transformer burned by lightning west of Green River; balance used to amplify service account low voltage.

Water Department

Remove old rate of flow controllers from four filter units at Green River, install new rate

of flow controllers and loss of head gauges.
The old controllers had been non-operative for
a number of years. \$ 6,641.45

Two controllers remain to be installed; material to
be charged out and labor of installation will total
approximately \$1,500.00.

Repair 3,000,000 gallon reinforced concrete reser-
voir to stop leakage due to settlement 3,303.49

Line extension Hill Street to connect existing
lines to new reservoir line, cutting down fric-
tion head and provide better service:

668 ft. 6-inch CI pipe (rock work) \$2,156.78

Line extension to serve Federal Housing Pro-
ject, Blairtown:

192 ft. 4-inch CI pipe, and
500 ft. 2-inch CI pipe \$1,027.43

Extension Clark Street to serve ad-
ditional patrons:

162 ft. 4-inch CI pipe 407.21

Extension O Street to serve cabin camps:

75 ft. 4-inch CI pipe 294.73

Extension south side Green River to
serve new addition (trenching done
by owners of project)

390 ft. 4-inch CI pipe 471.25

Total line extensions \$ 4,357.40

Repairs to paving 5,140.63

This covers repairs to paving due to pipe line
breaks in 1945 and 1946. During 1945 it was
necessary to replace 174 feet of 2-inch CI
pipe line on Seventh Street, and 590 feet of
2-inch WI pipe line on Sixth Street, as re-
peated breaks were being experienced and a
considerable portion of both streets had been

torn up while making repairs. Pipe was replaced with 4-inch cast iron pipe.

Additional meters installed during 1946:

105 meters 5/8 inch	\$1,212.75
4 " 2 "	264.00
	<u>\$1,476.75</u>

As in the case of light meters, the new meter installations were principally due to metering White Mountain and Fourth Additions.

Following is a statement of income, expenses and net revenue of the Light Department (exclusive of Merchandise Department) for the three years ending December 31, 1946:

	<u>1944</u>	<u>1945</u>	<u>1946</u>
Elec. Energy Sold KWH	13,944,407	13,222,234	13,412,024
Revenue received from sale of energy	\$379,954.15	\$372,245.28	\$385,276.22
Misc. Operating revenues	5.20	4.20	251.92
Total operating revenues	<u>\$379,959.35</u>	<u>\$372,249.68</u>	<u>\$385,528.14</u>
Oper. Expenses			
Energy purchased	\$304,798.64	\$287,157.04	\$294,397.54
Other expenses	43,159.30	45,176.62	45,565.49
Total expenses excl. of taxes	<u>\$347,957.94</u>	<u>\$332,333.66</u>	<u>\$339,963.03</u>
Net revenue, excl. of taxes	\$ 32,001.41	\$ 39,916.02	\$ 45,565.11
Taxes & uncoll. bills	18,173.11	10,908.67	23,517.44
Net income	\$ 13,828.30	\$ 29,007.35	\$ 22,047.67

The following statement reflects KWH furnished and gross income by sources:

	K W H		
	<u>1944</u>	<u>1945</u>	<u>1946</u>
1. Residential Service	2,195,827	2,347,437	2,652,386
2. Commercial Light	1,402,426	1,566,994	1,889,343
3. Commercial Appliance	265,568	256,088	276,559
4. Small Power	778,166	834,069	899,944
5. Signs	65,931	66,103	79,730
6. Hospital	149,337	136,779	162,082
7. Large Power	8,310,210	7,107,485	6,508,170
8. South Superior	220,500	234,300	240,000
9. Street Lighting	360,100	366,800	378,800
10. Rural	<u>196,342</u>	<u>306,179</u>	<u>325,010</u>
TOTAL	13,944,407	13,222,234	13,412,024

	Gross Revenue Received			
	<u>1944</u>	<u>1945</u>	<u>1946</u>	<u>Per KWH 1946</u>
1. Residential Service	\$ 81,400.94	\$ 85,485.01	\$ 93,623.15	\$.03530
2. Commercial Light	53,007.03	58,443.24	69,105.16	.03658
3. Commercial Appliance	6,716.16	6,488.50	6,826.11	.02468
4. Small Power	34,827.72	35,937.41	38,390.78	.04266
5. Signs	2,830.10	2,773.26	3,333.28	.04181
6. Hospital	4,278.82	3,849.95	4,204.19	.02594
7. Large Power	169,582.11	147,787.49	136,334.05	.02003
8. South Superior	7,751.08	8,235.62	8,543.14	.03560
9. Street Lighting	11,103.83	11,237.12	11,328.92	.02991
10. Rural	<u>8,456.36</u>	<u>12,007.68</u>	<u>13,587.44</u>	<u>.04181</u>
TOTAL	\$379,954.15	\$372,245.28	\$385,276.22	\$.02810

It will be noted that electric energy furnished during 1946 increased 189,790 KWH in spite of a decrease in amount furnished commercial mines of 599,940 KWH due to strikes and other

causes.

Use of appliances is increasing steadily, being retarded only by lack of merchandise on the market. The various dealers are obtaining a few electric stoves. At the present time we have 319 stoves on Rock Springs system lines, an increase since 1942 of 86 percent, although they were not procurable during the war years. There are also 14 hot water heaters, although our rates are not conducive to hot water heating.

Some trouble was experienced on the 13,000 volt line during the year due to spray from the power plant cooling pond and to insulators having been shot off. A very considerable portion of time lost in isolating the section of line upon which trouble has occurred can be eliminated by the installation of 3-phase automatic reclosers on each individual branch of this circuit. This can be done at a reasonable cost and will pay for itself by sale of energy to portions of the system not affected by outages during periods in which we would otherwise be hunting for trouble and making necessary repairs, this in addition to rendering more satisfactory service. This has been provided for in the 1947 budget.

Comparison of number of consumers and energy furnished is shown below:

	<u>Residential</u>		<u>Commercial</u>	
	<u>No.</u>	<u>KWH</u>	<u>No.</u>	<u>KWH</u>
1940	2,248	1,521,993	349	1,007,865
1945	2,503	2,347,437	389	1,566,994
1946	2,579	2,654,816	413	1,889,343

These figures include those houses occupied in White Mountain Addition but do not include installations in Fourth Addition as it

is planned to transfer all of these to metered basis at one time when installations are completed.

Consumption has increased to such an extent that voltage regulators on the Rock Springs circuit are overloaded. While good conditions have been maintained it is hoped that larger regulators can be obtained and installed before the peak season next winter. Some bad low voltage conditions exist on the West Flat circuit due to voltage drop on primary circuit, and this will be alleviated by transfer of present voltage regulators from the Rock Springs circuit to this circuit.

The Light and Power Department had an extremely busy year due to the large volume of construction work, in addition to maintenance and operation of distribution system. A power line was constructed to the Reliance well, wiring for electrical equipment and light at accelerator and raw water pumping station, line extension to serve Federal Housing project, a number of transformers were relocated and additional transformers hung to improve voltage conditions, and meters installed in Fourth and White Mountain Additions. This, together with the increased number of meters to read, connects, disconnects, and maintenance of lines, has been a heavy burden on a somewhat limited force.

Following is shown the electric energy sold and revenue received by sources for years 1945 and 1946 at Green River, with a consolidated statement of income and expenses:

	KWH		AMOUNT	
	<u>1945</u>	<u>1946</u>	<u>1945</u>	<u>1946</u>
Residential	1,053,477	1,145,426	\$ 36,645.69	\$ 39,091.40
Residential with hot water heating	197,854	225,605	4,265.96	4,765.38
Commercial lighting	353,272	433,581	16,950.25	20,981.82
Comm. Heating & Cooking	22,432	64,830	689.58	1,981.57
Small power	127,803	186,445	5,193.53	7,376.03
Gravel pit	48,511	69,532	1,962.72	3,052.62
Church lighting	5,612	7,614	241.86	330.91
Industrial	2,505,350	2,663,657	49,343.83	53,364.47
Street lighting	<u>137,424</u>	<u>137,424</u>	<u>4,734.84</u>	<u>4,803.84</u>
Total	4,451,735	4,934,114	\$120,028.26	\$135,748.04

	<u>1945</u>	<u>1946</u>
Electric energy sold KWH	<u>4,451,735</u>	<u>4,934,114</u>
Revenue received from sale of energy*	\$119,847.58	\$135,699.15
Misc. Operating Revenues	-	-
Total Oper. Revenues	<u>\$119,847.58</u>	<u>\$135,699.15</u>
Operating Expenses:		
Energy purchased	\$124,195.91	\$108,663.97
Other expenses	<u>23,969.52</u>	<u>23,541.28</u>
Total Exp. (Excl. of Taxes)	<u>\$148,165.43</u>	<u>\$132,205.25</u>
Net revenue (Excl. of Taxes)	\$ 28,317.85	\$ 3,493.90
Taxes & Uncoll. Bills	6,944.22	6,570.84
Net income	35,262.07	3,076.94

*Revenue received does not agree with that shown under statement of energy sold and revenues received for reason adjustment of discounts added back is not taken into account until following month.

It will be noted that while there has been a very substantial increase in energy sold, the net income results in a loss. This is due to the Utilities Company purchasing power at the Rock Springs power plant bus bar at \$.02 per KWH and distributing it to the Water Department and to the Railroad at approximately the same price, making it necessary for the Utilities Company to absorb line losses and discounts.

Due to heavy increased demand on the distribution system it was necessary to rearrange a number of transformers and install new ones in certain localities. A study has been made of voltage conditions and it will be necessary to install larger primaries and secondaries in some locations.

WATER DEPARTMENT

Following is shown a condensed statement of income, expenses, and net revenues for the Water Department for the three years ending December 31, 1946:

	<u>1944</u>	<u>1945</u>	<u>1946</u>
Water Sales			
UPRR Co.	\$108,724.62	\$110,278.92	\$ 91,354.09
The UP Coal Co.	23,693.66	31,985.10	39,279.95
Others	116,590.18	122,278.90	136,816.34
Hydrant Rentals	4,300.04	4,515.04	4,330.04
Misc. Revenue			
Income & Royalty	<u>146.67</u>	<u>95.83</u>	<u>66.64</u>
Total Operating Revenues	<u>\$253,455.07</u>	<u>\$268,953.79</u>	<u>\$271,847.06</u>
Total Operating Expenses	\$133,116.10	\$154,888.87	\$174,819.49
Depreciation & Amortization	<u>12,726.49</u>	<u>21,931.74</u>	<u>20,157.78</u>
Total Oper. Expenses, Dep'n. & Amortization	<u>\$145,842.59</u>	<u>\$176,820.61</u>	<u>\$194,977.27</u>
Net Oper. Rev., Exclusive of Taxes	\$107,612.48	\$ 92,133.18	\$ 76,869.79
Taxes & Uncoll. Bills	<u>53,273.69</u>	<u>15,093.97</u>	<u>41,581.87</u>
Net Income from Operations	<u>\$ 54,338.79</u>	<u>\$ 77,039.21</u>	<u>\$ 35,287.92</u>

Total revenues held up very well, showing an increase despite a rather large decrease in water furnished the Railroad. Increase in expenses was due to expenditures enumerated under "Unusual Expenditures" and to increased cost of "Fuel" due to almost complete electric operation.

The new well at Reliance Junction was placed in operation on October 10, 1946. The water is of good quality, as shown by the following comparison with that previously used:

		<u>Grains per Gallon</u>	
		<u>Old Well</u>	<u>New Well</u>
	<u>Raw</u>	<u>Treated</u>	<u>Raw</u>
Calcium Carbonate	3.7	2.4	
Calcium Sulphate	32.3	4.6	3.5
Magnesium Sulphate	35.0	17.6	.8
Hydrates		.6	
Magnesium Carbonate	-	-	<u>3.1</u>
Incrusting Solids	71.0	25.2	7.4
Sodium Chloride	4.6	4.6	2.0
Sodium Sulphate	96.0	96.0	7.5

This water contains some hydrogen sulfide which has been removed by aeration. However, the resulting oxidation caused very finely divided particles of ferric oxide which could not be removed by filtration. Good coagulation was obtained by the addition of a small amount of alum and the solids removed by precipitation in sedimentation tank. A good clear, potable water is being delivered. In addition to securing a more satisfactory water supply, a great deal of expense for chemicals has been eliminated.

The new intake, raw water pumping plant, Accelerator

and additional filter units were placed in operation at Green River and are operating satisfactorily.

Pumpage at Green River decreased somewhat due to decrease in volume of water furnished railroad. However, pumpage to Rock Springs increased 25,550,000 gallons. Pumpage for the month of July was the highest on record, 147,605,000 gallons, exclusive of water used in sludging sedimentation tanks and back washing filters.

Distribution of pumpage for the year 1946 as compared with 1945 is shown below:

	<u>1945</u>	<u>1946</u>
<u>Green River</u>		
Union Pacific Railroad Co.	932,115,450	845,675,010
Others	192,096,550	211,519,990
<u>Rock Springs</u>		
Union Pacific Railroad Co.	96,621,233	70,033,252
Others	<u>308,638,767</u>	<u>360,776,748</u>
Totals from G.R. Plant	1,529,472,000	1,488,005,000
<u>Reliance</u>		
The Union Pacific Coal Co.	27,953,947	30,673,987
Stansbury	16,445,385	17,698,350
E-Plane	<u>3,418,590</u>	<u>2,534,310</u>
Total - Reliance Plant	47,817,922	50,906,647
Grand Total	1,577,289,922	1,538,911,647

Installation of additional 12-inch line between Green River and Rock Springs alleviated conditions at Rock Springs, enabling us to furnish an additional 300,000 gallons per day, maintaining the same line pressure.

A large number of pipe line breaks were experienced on transmission mains and distribution system. Of these 72

required use of pipe sleeves, in addition to which there were a number of joint leaks which have not been considered. A number of more recent breaks reflect extreme corrosive conditions, large holes being eaten through pipe and in two instances through bottom of gate valves. This being true, it is probable that an increasing number of breaks may be anticipated.

Laying of all pipe lines shown under "Capital Expenditures" and "Unusual Non-Capital Expenditures", together with installation of rate-of-flow controllers on filters, large number of pipeline breaks and other miscellaneous work in connection with construction program and regular operations placed a heavy burden on our forces. The labor situation eased somewhat but we were handicapped by shortage of experienced men.

Much remains to be done during 1947. In Fourth Addition, Rock Springs, it will be necessary to excavate and install meter boxes in a large number of locations in addition to pipe work involved in installing meters.

Respectfully submitted,

Original Signed
I. N. BAYLESS