

COMPANY: Cities Serv. Co

COLLENSON + "A" 1

DATE 1-26-82

1-26-82

Section 33

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TABLE

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LINE		1	2	3	4	5	6	7	8
1	$T_w (W.H. \cdot R)$	536	536	532	538	542			
2	$T_s (B.H. \cdot R)$	643	643	643	643	643			
3	$T = \left(\frac{T_w + T_s}{2} \right)$	589.5	589.5	587.5	590.5	592.5			
4	$Z (Est.)$	.810	.812	.834	.862	.891			
5	TZ	477.495	478.674	489.975	509.011	527.92			
6	GH/TZ	15.47112	15.43301	15.07706	14.51321	13.9934			
7	$e^5 (Table XIV)$	1.78633	1.78378	1.760133	1.723306	1.69004			
8	$P_i \text{ or } P_s$	3070.2	2401.2	1840.2	1412.2	1075.2			
9	$P_i^2 \text{ or } P_s^2$	9426.13	5765.76	3386.3	1994.31	1156.06			
10	$P_c^2 - P_i^2 / e^5 \text{ or } P_{w'}^2 = P_s^2 / e^5$	5276.79	3232.32	1923.91	1157.26	684.64			
11	$P_c \text{ or } P_w$	2297.13	1797.9	1387.1	1075.8	827.06			
12	$P \cdot \left(\frac{F_w + P_s}{2} \right) \text{ or } \left(\frac{P_c + P_i}{2} \right)$	2683.7	2099.6	1613.7	1244.	951.13			
13	$P_t = (P/P_{cr})$	4.000	3.13	2.40	1.85	1.42			
14	$T_t = (T/T_{cr})$	1.58	1.58	1.58	1.58	1.59			
15	$Z (Table XI)$	.810	.812	.834	.862	.891			