

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the matter of the review and approval)
of a cast iron main and unprotected steel)
main program for Western Resources, Inc.,)
d/b/a Gas Service.)

Case No. GO-91-277

FILED
JAN 15 1998
MISSOURI
PUBLIC SERVICE COMMISSION

ANNUAL STATUS REPORT

Comes now Missouri Gas Energy ("MGE"), by and through its counsel, and respectfully states as follows:

1. By its order in this docket issued January 13, 1995, effective January 24, 1995, the Commission authorized MGE to modify the previous gas line replacement program. It also ordered that annual reports be provided to the Commission on the status of the program, along with leak data by main material.

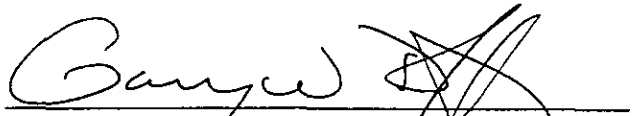
2. The following four attachments attempt to provide the summary information requested by the Commission.

3. Cumulative main replacement and protection during the program is shown on a document marked Appendix A and entitled "Missouri Gas Energy - Main Replacement Program." The year-end 1997 status of unprotected bare steel line replacement and cathodic protection by category is shown on a document marked Appendix B and entitled "Missouri Gas Energy - Unprotected Bare Steel Replacement/Protection." The year-end 1997 status of cast iron replacement by category is shown on a document marked Appendix C and entitled "Missouri Gas

Energy - Cast Iron Replacement Program." A table summarizing the main leaks found in 1994, 1995, 1996 and 1997 by the composition of the main is shown on a document marked Appendix D and entitled "MGE - Main Leaks Found".

WHEREFORE, MGE submits the enclosed material in compliance with the Commission's order effective January 24, 1995.

Respectfully submitted,

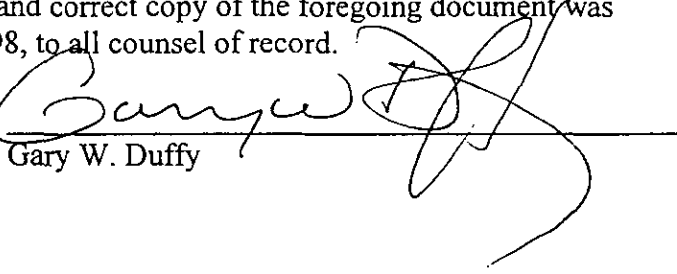


Gary W. Duffy MoBE #24905
BRYDON, SWEARENGEN & ENGLAND P.C.
312 E. Capitol Avenue
P. O. Box 456
Jefferson City, MO 65102
(573) 635-7166
(573) 635-3847 facsimile

ATTORNEYS FOR MGE

CERTIFICATE OF SERVICE

The undersigned certifies that a true and correct copy of the foregoing document was mailed or hand-delivered on January 15, 1998, to all counsel of record.



Gary W. Duffy

mainrept.97/gdsu3/wpw

Missouri Gas Energy

APPENDIX A

Main Replacement Program

REPLACEMENT SCHEDULE FOR CAST IRON MAINS

YEAR	ANNUAL QUOTA	CUMULATIVE QUOTA	ANNUAL COMPLETED	CUMULATIVE COMPLETED
1992	6	6	*	*
1993	31	37	38.59	38.59
1994	39	76	39.07	77.66
1995	32	108	32.16	109.82
1996	36	144	36.17	145.99
1997	36	180	36.39	182.38
1998	36	216		
1999	36	252		
2000	36	288		

REPLACEMENT / PROTECTION SCHEDULE FOR BARE STEEL MAINS

YEAR	ANNUAL QUOTA	CUMULATIVE QUOTA	ANNUAL COMPLETED	CUMULATIVE COMPLETED
1992	45.9	45.9	*	*
1993	146	191.9	275.73	275.73
1994	146	337.9	126.62	402.35
1995	127.2	465.1	109.12	511.47
1996	86.57	551.67	107.74	619.21
1997	127.2	678.87	131.99	751.2

Missouri safety Docket Case No. GO 91-277

MISSOURI GAS ENERGY **UNPROTECTED BARE STEEL REPLACEMENT/PROTECTION**

AS OF 12/31/97

(MILES)

Description	Safety Docket Requirement			Actual Repl'd/Prot'd		
	92-96	1997	Total	92-96	1997	Total
Bare Steel Replacement	128.20	126.20	254.40			
All Replace - P & P (G)	3.00		3.00	3.38	2.11	5.49
Public Works Projects (H)	7.00		7.00	4.60	1.46	6.06
FPI (I)	29.10		29.10	41.88	12.59	54.47
System Improvements (J)	4.00	0.00	4.00	2.63	0.72	3.35
Total	171.30	126.20	297.50	52.49	16.88	69.37
Cathodic Protection						
All Sizes - Protect - P & P	30.00		30.00	17.31	0.00	17.31
Protection - With SLRP	325.00		325.00	283.92	59.98	343.90
Protection - Independent	67.00		67.00	265.49	55.13	320.62
Total	422.00	0.00	422.00	566.72	115.11	681.83
Grand Total	593.30	126.20	719.50	619.21	131.99	751.20

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Information Provided by Engineering

MISSOURI GAS ENERGY **Cast Iron Replacement Program**

12/31/97

Description	Safety Docket Requirement			Actual Replaced		
	92-96	1997	Total	92-96	1997	Total
	36	36	72			
4" & Smaller - P & P	23.00	0.00	23.00	20.20	1.98	22.18
Over 4" - P & P	10.00	0.00	10.00	12.82	1.05	13.87
4" & Smaller - Other	69.00	0.00	69.00	63.89	4.83	68.72
Public Works Projects	3.00	0.00	3.00	2.97	0.16	3.13
FPI/CPI	3.00	0.00	3.00	46.11	28.36	74.47
System Improvement	0.00	0.00	0.00	0.00	0.01	0.00
Total	144.00	36.00	180.00	145.99	36.39	182.37

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