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PRACTICE IN ILLINOIS

September 27, 1991

**FILED**

SEP 27 1991

Mr. C. Brent Stewart  
Executive Secretary  
Missouri Public Service Commission  
Post Office Box 360  
Jefferson City, Missouri 65102

**PUBLIC SERVICE COMMISSION**

RE: Review and Approval of Cast Iron Main and Unprotected  
Steel Main Programs for The Kansas Power and Light  
Company, Case No. GO-91-277

Dear Mr. Stewart:

Enclosed for filing in the above-referenced proceeding are the original and fourteen (14) copies of schedules summarizing the present replacement plans of The Kansas Power and Light Company pursuant to 4 CSR 240-40.030. This docket has been established for the receipt of the cast iron main and unprotected steel main programs of the Company. The attached schedules identify the Company's replacement program for cast iron main and unprotected steel mains as well as service line replacement for the years 1992-2000, inclusive.

While we believe these plans meet the requirements of 4 CSR 240-40.030, these plans are subject to discussion and review in the context of Re Kansas Power & Light Company, Case No. GR-91-291.

If the Commission has any questions regarding the attached replacement program, we would appreciate the opportunity to answer them at the convenience of the Commission.

Very truly yours,

AKRE, WENDT & FISCHER

*James M. Fischer*  
James M. Fischer

JMF/jr  
Enclosures

cc: All Parties of Record

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PUBLIC SERVICE COMMISSION  
SEP 27 1991  
**FILED**

**MISSOURI SAFETY DOCKET**  
(SERVICE LINES, CAST IRON, AND BARE STEEL MAINS)

| SERVICE LINE REPLACEMENT       | CODE SECTION     | 1992   | 1993   | 1994   | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    |
|--------------------------------|------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| TOTAL SERVICES *               | SEC 15-C-3       | 28,845 | 28,845 | 28,845 | 28,845  | 28,845  | 28,845  | 28,845  | 9,322   | 0       |
| <b>CAST IRON MAIN - MILES</b>  |                  |        |        |        |         |         |         |         |         |         |
| 4 INCH AND SMALLER - P & P **  | SEC 15-D-1-A,B,C | 9.4    | 8.6    | 5.4    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| OVER 4 INCH - P & P **         | SEC 15-D-1-A,B   | 0.0    | 0.0    | 3.7    | 11.0    | 19.0    | 32.0    | 7.3     | 0.0     | 0.0     |
| 4 INCH AND SMALLER & OTHER     | SEC 15-D-1-C     | 2.1    | 12.4   | 18.0   | 32.1    | 40.0    | 40.0    | 72.7    | 80.0    | 68.9    |
| PUBLIC WORKS PROJECTS          | SEC 15-D-1-D,E,F | 0.0    | 1.5    | 3.0    | 3.0     | 3.0     | 3.0     | 3.0     | 3.0     | 3.0     |
| FPI                            | SEC 15-D-1-G     | 0.3    | 0.8    | 1.0    | *** 1.0 | *** 1.0 | *** 1.0 | *** 1.0 | *** 1.0 | *** 1.0 |
| SYSTEM IMPROVEMENT             |                  | 1.0    | 1.0    | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |
| TOTAL CAST IRON MILES          |                  | 12.8   | 24.3   | 32.1   | 48.1    | 64.0    | 77.0    | 85.0    | 85.0    | 73.9    |
| <b>BARE STEEL MAIN - MILES</b> |                  |        |        |        |         |         |         |         |         |         |
| ALL SIZES - PROTECT - P & P ** | SEC 15-E-1,2     | 2.2    | 11.8   | 16.1   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| ALL SIZES - REPLACE - P & P ** | SEC 15-E-1,2     | 0.0    | 1.3    | 1.3    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| PROTECTION - WITH SLRP         |                  | 102.0  | 100.0  | 100.0  | 90.0    | 75.0    | 44.5    | 0.0     | 0.0     | 0.0     |
| PROTECTION - INDEPENDENT       |                  | 22.0   | 15.0   | 15.0   | 15.0    | 16.0    | 24.0    | 0.0     | 0.0     | 0.0     |
| PUBLIC WORKS PROJECTS          | SEC 15-E-3,4     | 1.0    | 1.0    | 1.0    | 4.0     | 4.0     | 4.0     | 0.0     | 0.0     | 0.0     |
| FPI                            | SEC 15-E-5       | 7.3    | 7.3    | 7.3    | *** 7.2 | *** 7.2 | *** 7.2 | 0.0     | 0.0     | 0.0     |
| SYSTEM IMPROVEMENTS            |                  | 1.0    | 1.0    | 1.0    | 1.0     | 1.0     | 1.0     | 0.0     | 0.0     | 0.0     |
| TOTAL BARE STEEL MILES         |                  | 135.5  | 137.4  | 141.7  | 117.2   | 103.2   | 80.7    | 0.0     | 0.0     | 0.0     |
| TOTAL MILES                    |                  | 148.3  | 161.7  | 173.8  | 165.3   | 167.2   | 157.7   | 85.0    | 85.0    | 73.9    |

\* BASED ON INITIAL UNPROTECTED BARE STEEL SERVICE INVENTORY OF 284,365

\*\* IN AREAS OF CONTINUOUS PAVEMENT AND NEAR CONCENTRATIONS OF THE GENERAL PUBLIC

\*\*\* FPI REPLACEMENT MILES WILL VARY AS SEGMENTS OF MAIN ARE IDENTIFIED FOR REPLACEMENT