



Missouri Public Service Commission

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March 6, 2000

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Secretary/Chief Regulatory Law Judge
DANA K. JOYCE
General Counsel

FILED 3
06 PB
MAR 23 2000

Mr. Dale Hardy Roberts
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102

Missouri Public
Service Commission

RE: Case No. EC-2000-63

Dear Mr. Roberts:

Enclosed for filing in the above-captioned case are an original and fourteen (14) conformed copies of a NOTICE OF FILING OF AMENDMENT TO STAFF'S RESPONSE TO COMMISSION ORDERED REPORT.

This filing has been mailed or hand-delivered this date to all counsel of record.

Thank you for your attention to this matter.

Sincerely yours,

[Handwritten signature]

David J. Stueven
Assistant General Counsel
(573) 751-6726
(573) 751-9285 (Fax)

DS/dkf
Enclosure
cc: Counsel of Record

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI

FILED<sup>3</sup>

MAR 06 2000

Frank E. Dilley, et. al. )  
Complainant )  
 )  
v. )  
 )  
Union Electric Company )  
d/b/a Ameren UE )  
Respondent )

Missouri Public  
Service Commission

Case No. EC-2000-63 et. al.

NOTICE OF FILING OF AMENDMENT TO STAFF'S RESPONSE TO COMMISSION ORDERED  
REPORT

COMES NOW the Staff of the Missouri Public Service Commission (Staff) and for its Amendment to its Response to Commission Ordered Report states as follows:

1. On March 1, 2000, Staff filed its Response to Commission Ordered Report ("Staff's Response"). Attachment A to Appendix A of Staff's Response was inadvertently omitted. Therefore, Staff is filing this amendment to file Attachment A to Appendix A of Staff's Response.

Respectfully submitted,

DANA K. JOYCE  
General Counsel



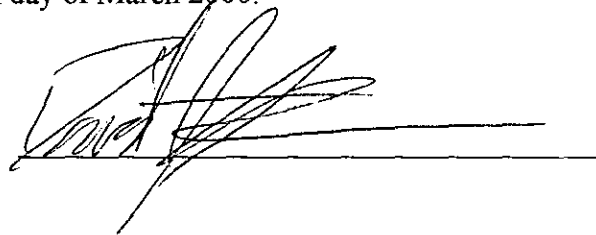
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Missouri Bar No. 51274

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Missouri Public Service Commission  
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### **Certificate of Service**

I hereby certify that copies of the foregoing have been mailed or hand-delivered to all counsel of record as shown on the attached service list this 6th day of March 2000.



October 29, 1999  
November 26, 1999 Revised  
January 31, 2000 (\*) Revised

Feeder 129-051 Phase A  
Brumley/Ulman Update

Note: An (\*) indicates a revision since the last update

Brumley Substation

Feeder reclosers upgraded from 140 amp to 200 amp;  
Xfmr W LTC overhauled;  
34kv switch insulators replaced;  
34kv strain insulators replaced;  
Failed 34kv regulator replaced;  
Lid on main tank of Xfmr W leaking and regasketed-transformer placed in-service;  
(\*) 34kv replacement regulator malfunctioning control panel replaced;  
(\*) Installed culverts and expanded portable substation staging area;  
(\*) Replaced Xfmr W low side bushings

Lakeside 75 (34kv circuit)

(\*) Reliability work including replacement of poles and arresters completed;  
(\*) 34kv 100 ampere recloser overhauled and awaiting installation;

Brumley 129-051

Pole inspection completed;  
(\*) Tree trimming completed;  
(\*) Replacement completed for seven poles as identified during pole inspection as requiring prompt replacement;  
(\*) Added 100-kvar capacitor;  
(\*) Miscellaneous recloser upgrades for winter peak completed;

Brumley 129-051 feeder relief project (Completion date Summer 2000)

Brumley substation has two three phase feeders that are identified as feeders 129-051 and 129-052. The feeder 129-051 serves the area to the east of Brumley substation and the 129-052 feeder serves the area to the west of the Brumley substation. The three phase ends shortly outside the substation and the feeders thereafter diverge as single phase extensions.

Feeder 129-051 carries approximately 76 per cent of the substation load and feeder 129-052 carries the remaining 14 percent of the substation load. The objective of the feeder relief project is three fold:

- Objective 1: Divert load from feeder 129-051 to 129-052;
- Objective 2: Extend feeder 129-052 westward towards Osage Beach area with the goal of eventually establishing three-phase tie capacity with another substation;
- Objective 3: Eliminate opposite phases on normally open switches to allow for closed transition switching operations.

The relief project includes the addition of approximately 2 miles of 1/0 AAAC conductor from Brumley substation to JJ, plus a phase cut and installation of a regulator and miscellaneous switches so that all of the load on Highway JJ can be diverted from feeder 129-051 phase A to feeder 129-052 phase A. This design satisfies all three objectives.

Summer 2000 Projections

Feeder	Before	After
129-051 Phase A	150 Amps	129 Amps

This work is identified as work request 27LE009974.

Extended Outage history

(There are no recorded outages since the last reporting period)

11/22/99	4 28	crossarm on LKSD 75 34kv circuit failed (rotten wood)
8/24/99	3 51	customer burning got out of control and created outage
7/29/99	0 29	Failure of 34kv bushing at Turkey Bend Substation
7/28/99	2 20	Xfmr on backbone failed and caused fdr to trip
7/25/99	3 14	Primary wire sagged into span guy and primary came down
7/21/99	2 56	Recloser failed under heavy load; replaced
7/18/99	2 43	Recloser opened under heavy load
6/28/99	3 37	34kv ckt open due to arrester failure-Major Storm
6/27/99	4 35	34kv ckt open due to failure of 34kv regulator at Brumley Major Storm
3/09/99	2 34	Primary wire fell down

2/11/99

1 55

Transformer in overhead failed and caused feeder to open

Momentary Outage History

The momentaries that are shown below are operations of the 34kv Lakeside 75 supply.  
Momentaries of the distribution system are not documented as far as time of occurrence.

10/18/99 14:35	MOMENTRY OPERATING ERROR	Calm
07/31/99 23:04	MOMENTRY NO CAUSE FOUND	CALM
06/10/99 14:05	MOMENTRY NO CAUSE FOUND	TSTRM
06/10/99 14:01	MOMENTRY NO CAUSE FOUND	TSTRM
06/19/98 21:20	MOMENTRY SEVERE WEATHER	TSTRM

rjs

**Service List for  
Case No. EC-2000-63  
March 6, 2000**

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Deitra Brouk  
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Ulman, MO 65083

Kenneth and Marilyn Carico  
141 Highway JJ  
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Randolph E. Shipp  
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