

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

In the Matter of Union Electric Company's)	
2011 Utility Resource Filing Pursuant to)	<u>File No. EO-2011-0271</u>
4 CSR 240—Chapter 22.)	

STAFF'S MOTION FOR LEAVE TO SUPPLEMENT STAFF REPORT

COMES NOW the Staff of the Missouri Public Service Commission ("Staff") and for its Motion for Leave to Supplement Staff Report states:

1. On June 23, 2011, Staff filed its *Staff Report on Union Electric Company's 2011 Electric Utility Resource Planning Compliance Filing* ("Staff Report").
2. The Staff Report is supported by affidavits signed by Staff members who participated in the Report.
3. The Staff Report does not include the credentials and prior case experience of said Staff members.
4. The credentials and prior case experience of said Staff members are attached hereto.

WHEREFORE, Staff respectfully requests the Commission for leave to supplement its Staff Report in this case with the attached credentials and prior case experience of the Staff members who participated in the Staff Report.

Respectfully Submitted,

/s/ John D. Borgmeyer

John D. Borgmeyer

Legal Counsel

Missouri Bar No. 61992

Attorney for the Staff of the
Missouri Public Service Commission

P.O. Box 360

Jefferson City, Missouri 65102

Telephone: (573) 751-5472

Fax: (573) 751-9285

Email: john.borgmeyer@psc.mo.gov

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing have been mailed, hand-delivered, transmitted by facsimile or electronically mailed to counsel of record on this 28th day of October, 2011.

/s/ John D. Borgmeyer

Credentials of Matthew J. Barnes

I graduated from William Woods University in May 2005 with a Masters in Business Administration with an Emphasis in Accounting. I received my undergrad from Columbia College with a Bachelor of Science in Business Administration with an Emphasis in Accounting in December 2002. I have been employed by the Missouri Public Service Commission since June 2003.

SUMMARY
OF
MATTHEW J. BARNES
CASE PARTICIPATION
SCHEDULE 1

Date Filed	Issue	Case Number	Exhibit	Case Name
09/08/2004	Merger with TXU Gas	GM20040607	Staff Recommendation	Atmos Energy Corporation
10/15/2004	Rate of Return	TC20021076	Supplemental Direct	BPS Telephone Company
06/28/2005	Finance Recommendation	EF20050387	Staff Recommendation	Kansas City Power and Light Company
06/28/2005	Finance Recommendation	EF20050388	Staff Recommendation	Kansas City Power and Light Company
08/31/2005	Finance Recommendation	EF20050498	Staff Recommendation	Kansas City Power and Light Company
11/15/2005	Spin-off of landline operations	IO20060086	Rebuttal	Sprint Nextel Corporation
03/08/2006	Spin-off of landline operations	TM20060272	Rebuttal	Alltel Missouri, Inc.
08/08/2006	Rate of Return	ER20060314	Direct	Kansas City Power & Light Company
09/08/2006	Rate of Return	ER20060314	Rebuttal	Kansas City Power & Light Company
09/13/2006	Rate of Return	GR20060387	Direct	Atmos Energy Corporation

SUMMARY
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MATTHEW J. BARNES
CASE PARTICIPATION
SCHEDULE 1

Date Filed	Issue	Case Number	Exhibit	Case Name
10/06/2006	Rate of Return	ER20060314	Surrebuttal	Kansas City Power & Light Company
11/07/2006	Rate of Return	ER20060314	True-Up Direct	Kansas City Power & Light Company
11/13/2006	Rate of Return	GR20060387	Rebuttal	Atmos Energy Corporation
11/23/2006	Rate of Return	GR20060387	Surrebuttal	Atmos Energy Corporation
12/01/2006	Rate of Return	WR20060425	Direct	Algonquin Water Resources of Missouri LLC
12/28/2006	Rate of Return	WR20060425	Rebuttal	Algonquin Water Resources of Missouri LLC
01/12/2007	Rate of Return	WR20060425	Surrebuttal	Algonquin Water Resources of Missouri LLC
02/07/2007	Finance Recommendation	GF20070220	Staff Recommendation	Laclede Gas Company
05/04/2007	Rate of Return	GR20070208	Direct	Laclede Gas Company

SUMMARY
OF
MATTHEW J. BARNES
CASE PARTICIPATION
SCHEDULE 1

Date Filed	Issue	Case Number	Exhibit	Case Name
07/24/2007	Rate of Return	ER20070291	Direct	Kansas City Power and Light Company
08/30/2007	Rate of Return	ER20070291	Rebuttal	Kansas City Power and Light Company
09/20/2007	Rate of Return	ER20070291	Surrebuttal	Kansas City Power and Light Company
11/02/2007	Rate of Return	ER20070291	True-up Direct	Kansas City Power and Light Company
02/01/2008	Finance Recommendation	EF20080214	Staff Recommendation	Kansas City Power and Light Company
02/22/2008	Rate of Return	ER20080093	Staff Report	The Empire District Electric Company
04/04/2008	Rate of Return	ER20080093	Rebuttal Testimony	The Empire District Electric Company
04/25/2008	Rate of Return	ER20080093	Surrebuttal Testimony	The Empire District Electric Company
08/18/2008	Rate of Return	WR20080311	Staff Report	Missouri-American Water Company
09/30/2008	Rate of Return	WR20080311	Rebuttal Testimony	Missouri-American Water Company

SUMMARY
OF
MATTHEW J. BARNES
CASE PARTICIPATION
SCHEDULE 1

Date Filed	Issue	Case Number	Exhibit	Case Name
10/16/2008	Rate of Return	WR2008031	Surrebuttal Testimony	Missouri-American Water Company
02/26/2010	Fuel Adjustment Clause	ER20100130	Staff Report	The Empire District Electric Company
04/02/2010	Fuel Adjustment Clause	ER20100130	Rebuttal Testimony	The Empire District Electric Company
04/23/2010	Fuel Adjustment Clause	ER20100130	Surrebuttal Testimony	The Empire District Electric Company
02/23/11	Fuel Adjustment Clause	ER20110004	Staff Report	The Empire District Electric Company
04/22/11	Fuel Adjustment Clause	ER20110004	Rebuttal Testimony	The Empire District Electric Company
04/28/11	Fuel Adjustment Clause	ER20110004	Surrebuttal Testimony	The Empire District Electric Company
05/06/11	Fuel Adjustment Clause	ER20110004	True-up Direct Testimony	The Empire District Electric Company
10/21/11	Costs for the Phase-In Tariffs	ER20120024	Direct Testimony	KCP&L Greater Missouri Operations Company

Leon C. Bender Credentials

I received a Bachelor of Science degree in Mechanical Engineering in August 1978 from Texas Tech University. I became employed by Southwestern Public Service Company (SPS) as a power generation plant design engineer in September 1978. While employed by SPS, I was lead engineer on many projects involving design and construction of new power generating stations and the upgrading of their older plants. In 1983, I became a registered Professional Engineer in the state of Texas. In 1986, I transferred to SPS's newly formed subsidiary company, Utility Engineering Corporation, and was responsible for various projects at various other clients' power generation plants. In June 1990, I accepted employment as a systems engineer with Entergy Operations, Inc. at the nuclear powered generating station, Arkansas Nuclear One. In December 1995, I joined the Missouri Public Service Commission (Commission). While employed by the Commission I have been responsible for determining variable fuel and purchased power cost using the production cost fuel model in numerous cases. In June 2008, I accepted employment with Kiewit Power Engineers but returned to the Commission in October 2008 where I now work in the Energy Resource Analysis section.

List of Previously Filed Testimony for Leon Bender

1.	ER-2011-0317	Union Electric Company d/b/a AmerenMissouri	FAC
2.	ER-2011-0004	The Empire District Electric Company	Rate Case
3.	ER-2011-0419	Kansas City Power & Light Company\GMO	FAC
4.	EO-2011-0271	Union Electric Company d/b/a AmerenMissouri	IRP
5.	HT-2011-0343	Kansas City Power & Light Company\GMO	QCA
6.	ER-2011-0028	Union Electric Company d/b/a AmerenMissouri	Rate Case
7.	ER-2011-0095	The Empire District Electric Company	FAC
8.	ER-2011-0018	Union Electric Company d/b/a AmerenUE	FAC
9.	HT-2010-0288	Kansas City Power & Light Company\GMO	QCA
10.	ER-2010-0275	The Empire District Electric Company	FAC
11.	ER-2010-0264	Union Electric Company d/b/a AmerenUE	FAC
12.	ER-2010-0130	The Empire District Electric Company	Rate Case
13.	ER-2010-0105	The Empire District Electric Company	FAC
14.	EO-2011-0066	The Empire District Electric Company	IRP
15.	EO-2010-0255	Union Electric Company d/b/a AmerenUE	FAC Prudence Review
16.	EO-2010-0167	Kansas City Power & Light Company\GMO	FAC Prudence Review
17.	EO-2010-0167	Kansas City Power & Light Company	FAC Prudence Review
18.	EO-2010-0084	The Empire District Electric Company	FAC Prudence Review
19.	EO-2008-0915	Kansas City Power & Light Company\GMO	FAC
20.	EO-2008-0415	Kansas City Power & Light Company\GMO	FAC
21.	EE-2009-0237	Kansas City Power & Light Company\GMO	IRP
22.	EE-2008-0034	Kansas City Power & Light Company	IRP
23.	ER-2008-0093	The Empire District Electric Company	Rate Case\Fuel Expense
24.	ER-2008-089	Kansas City Power & Light Company	Rate Case\Fuel Expense
25.	ER-2007-0291	Kansas City Power & Light Company	Rate Case\Fuel Expense
26.	ER-2007-0004	Aquila, Inc.	Rate Case\Fuel Expense
27.	ER-2007-0002	Union Electric Company d/b/a AmerenUE	Rate Case\Fuel Expense
28.	ER-2006-0314	Kansas City Power & Light Company	Rate Case\Fuel Expense
29.	EA-2006-0309	Aquila, Inc.	Rate Case\Fuel Expense
30.	ER-2005-0436	Aquila, Inc.	Rate Case\Fuel Expense
31.	ER-2004-0570	The Empire District Electric Company	Rate Case\Fuel Expense
32.	ER-2004-0034	Aquila, Inc.	Rate Case\Fuel Expense
33.	EC-2002-0001	Union Electric Company d/b/a AmerenUE	Complaint Case\Fuel Expense
34.	ER-2001-0299	The Empire District Electric Company	Rate Case\Fuel Expense
35.	EM-97-0515	Kansas City Power & Light Company	Merger Case\Fuel Expense
36.	ER-97-0394	Utilicorp United, Inc.	Rate Case\Fuel Expense
37.	EC-97-0362	Utilicorp United, Inc.	Complaint Case\Fuel Expense

Randy S. Gross

Educational Background and Work Experience

I have Master and Bachelor of Science degrees in Electrical Engineering from the University of Missouri at Columbia. I am an active licensed Professional Engineer in the states of Kansas and Missouri with inactive licenses in Arizona and Illinois. I belong to the Institute of Electrical and Electronics Engineers (IEEE) and the Instrument Society of America (ISA) professional organizations and have co-authored nine technical papers in the areas of process instrumentation and controls, power plant performance monitoring and information technology. My work experience spans more than 39 years in electrical and instrumentation and control detailed design, information technology, training, software verification and validation, telecommunication, project management and controls, construction management, contract administration, plant start-up, project oversight, plant operating procedures, design basis reconstitution, equipment technical specifications and procurement, nuclear plant and site, detailed design engineering, plant modifications and engineering procedures. From 1972-1997, I was employed by Black & Veatch with responsibilities in electrical, instrumentation and control engineering and project management. From 1997-2001, I was employed by the Foxboro Company (Invensys) as a Principal Account Manager for Distributed Control Systems (DCS) that included hardware, software and instrumentation. From 2001-2002, I provided consulting services for the Argosy Console company in the areas of process engineering and re-engineering, supply chain management, Quality Assurance, Six Sigma and Safety program implementations. From 2002-2005, I provided contract engineering services to AmerenUE at the Callaway Nuclear Station in the areas of Software Verification and Validation, INPO accredited training, Project Management, Cost and Schedule controls, Digital Control System procedures and Plant Operation procedures. In 2005, I provided contract detailed instrumentation and

Randy S. Gross

control engineering services for the Process Division of Burns & McDonnell Engineering for the Conoco Phillips refinery in Amarillo, TX. In 2006, I was employed by CIBER as a Senior Strategist with responsibilities in Project Oversight for large software development projects and Continuity of Operations Plans. From 2007-2009, I provided staff augmentation contract engineering services for the Wolf Creek Nuclear Operating Company (WCNOC) at their Wolf Creek Nuclear Power Station as a Senior Design Professional Engineer for major design projects, emergent engineering issues and plant refueling outage engineering. In 2009, I was employed with Black & Veatch as the Nuclear Division Business Line Manager with responsibilities for business development, outside sale and marketing. I have been employed by the Missouri Public Service Commission since February 2010 as a staff Engineer to provide technical expertise in the areas of smart grid deployment and implementation, transmission, distribution, demand response, renewable/alternative energy sources, plug in hybrid and electric vehicles and coal carbon capture and sequestration. I am currently serving on the Organization of MISO States Demand Response and Technology independent working group, the NARUC staff Subcommittee on Clean Coal and Carbon Sequestration, and working with EISPC on various transmission line planning tasks.

Other cases I have been assigned to or participated are as follows:

Date Filed	Case Number	Company Name
11/10/2010	ER-2010-0355	Kansas City Power & Light Company
11/17/2010	ER-2010-0356	Kansas City Power & Light Company Greater Missouri Operations Company
05/10/2011	ER-2011-0028`	Ameren Missouri

Hojong Kang Credentials

Educational Background and Work Experience

I have a Ph.D degree in Economics from the University of Missouri, Columbia in 2005, a Master of Business Administration degree from California State University at East Bay in 1996 and a Bachelor of Science degree in Business Administration from Hong-Ik University, Korea in 1991. Prior to my current employment, I spent four years as the Associate Director for the International Economic Research Institute at the University of Missouri and facilitated government policy discussions with Korean government officials in the international scholar community at the University of Missouri. From 2006 to 2008, I taught economics classes including Money, Banking and Financial Market, Firm Theories, and Intermediate Macroeconomics as an Adjunct Assistant Teaching Professor. While I was in the Doctoral program, I worked as a Teaching Assistant for various economics classes and a Research Assistant of economic analysis projects for Missouri's social benefit programs. I have been employed by the Missouri Public Service Commission since March 2010 and am responsible for Staff's review of electric utility resource planning compliance filings and energy efficiency and demand response programs.

**TESTIMONY AND REPORTS
BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION**

BY HOJONG KANG

COMPANY

CASE NUMBER

Kansas City Power & Light Company

ER-2010-0355

KCP&L Greater Missouri Operations Company – GMO

ER-2010-0356

The Empire District Electric Company

EO-2011-0066

Ameren Missouri

ER-2011-0028

Educational Background and Work Experience of John A. Rogers

I have a Master of Business Administration degree from the University of San Diego and a Bachelor of Science degree in Engineering Science from the University of Notre Dame and am a registered professional engineer. My work experience includes 34 years in energy utility engineering, system operations, strategic planning, regulatory affairs and management. From 1974 to 1985, I was employed by San Diego Gas & Electric with responsibilities in gas engineering, gas system planning and gas operations. From 1985 to 2000, I was employed by Citizens Utilities in leadership roles for gas operations in Arizona, Colorado and Louisiana. From 2000 to 2003, I was an executive consultant for Convergent Group (a division of Schlumberger) providing management consulting services to energy companies. From 2004 to 2008, I was employed by Arkansas Western Gas and was responsible for strategic planning and resource planning. I have provided expert testimony before the California Public Utilities Commission, Arizona Corporation Commission, Arkansas Public Service Commission and Missouri Public Service Commission in general rate cases, applications for special projects and gas resource plan filings. I have been employed by the Missouri Public Service Commission since December 2008 and am responsible for Staff's input to the regulatory process concerning electric utility resource planning, demand-side management programs and fuel adjustment clauses.

John A. Rogers
Testimony, Reports and Rulemakings

BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION

<u>File Number</u>	<u>Company/Organization</u>	<u>Issues</u>
ER-2009-0090	KCP&L Greater Missouri Operations Company	Fuel Adjustment Clause
EO-2009-0237	KCP&L Greater Missouri Operations Company	Electric Utility Resource Planning Compliance Filing
ER-2010-0036	Ameren Missouri	Fuel Adjustment Clause Demand-Side Programs (DSM) DSM Cost Recovery
EX-2010-0254 EW-2009-0412	Missouri Public Service Commission	Electric Utility Resource Planning Rulemaking
ER-2010-0355	Kansas City Power and Light	DSM Cost Recovery Fuel Switching
ER-2010-0356	KCP&L Greater Missouri Operations Company	Fuel Adjustment Clause DSM Cost Recovery Fuel Switching
EX-2010-0368 EW-2010-0254	Missouri Public Service Commission	Missouri Energy Efficiency Investment Act Rulemaking
ER-2011-0004	Empire District Electric	DSM Cost Recovery
ER-2011-0028	Ameren Missouri	DSM Cost Recovery
EO-2011-0066	Empire District Electric	Electric Utility Resource Planning Compliance Filing
EO-2011-0271	Ameren Missouri	Electric Utility Resource Planning Compliance Filing

John A. Rogers
Testimony, Reports and Rulemakings

BEFORE THE ARKANSAS PUBLIC SERVICE COMMISSION

<u>Docket Number</u>	<u>Company</u>	<u>Issue</u>
07-079-TF	Arkansas Western Gas	Arkansas Weatherization Program
07-078-TF	Arkansas Western Gas	Initial Energy Efficiency Programs
07-041-P	Arkansas Western Gas	Special Contract
06-028-R	Arkansas Western Gas	Resource Planning Guidelines for Electric Utilities
05-111-P	Arkansas Western Gas	Gas Conservation Home Weatherization Program

David C. Roos

Present Position: I am a Regulatory Economist III in the Energy Resource Analysis Section, Energy Department, Operations Division of the Missouri Public Service Commission.

Educational Background and Work Experience:

In May 1983, I graduated from the University of Notre Dame, Notre Dame, Indiana, with a Bachelor of Science Degree in Chemical Engineering. I also graduated from the University of Missouri in December 2005, with a Master of Arts in Economics. I have been employed at the Missouri Public Service Commission as a Regulatory Economist III since March 2006. Prior to joining the Public Service Commission I taught introductory economics and conducted research as a graduate teaching assistant and graduate research assistant at the University of Missouri. Prior to the University of Missouri, I was employed by several private firms where I provided consulting, design, and construction oversight of environmental projects for private and public sector clients.

Previous Cases

<u>Company</u>	<u>Case No.</u>
Empire District Electric Company	ER-2006-0315
AmerenUE	ER-2007-0002
Aquila Inc.	ER-2007-0004
Kansas City Power and Light	ER-2007-0291
AmerenUE	EO-2007-0409
Empire District Electric Company	ER-2008-0093
Kansas City Power and Light	ER-2008-0034
Greater Missouri Operations	HR-2008-0340
Greater Missouri Operations	ER-2009-0091
Greater Missouri Operations	EO-2009-0115
Greater Missouri Operations	EE-2009-0237
Greater Missouri Operations	EO-2009-0431
Empire District Electric Company	ER-2010-0105

Greater Missouri Operations	EO-2010-0002
AmerenUE	ER-2010-0036
AmerenUE	ER-2010-0044
Empire District Electric Company	EO-2010-0084
Empire District Electric Company	ER-2010-0105
AmerenUE	ER-2010-0165
Greater Missouri Operations	EO-2010-0167
AmerenUE	EO-2010-0255
Greater Missouri Operations (Aquila)	EO-2008-0216
Ameren Missouri	ER-2011-0028
Empire District Electric Company	EO-2011-0066
Empire District Electric Company	EO-2011-0285

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Union Electric)
Company's 2011 Utility Resource)
Filing Pursuant to 4 CSR 240 -)
Chapter 22)

File No. EO-2011-0271

AFFIDAVIT OF MATTHEW J. BARNES

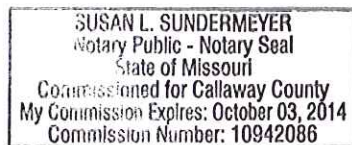
STATE OF MISSOURI)
) ss
COUNTY OF COLE)


Matthew J. Barnes, of lawful age, on his oath states: that the foregoing documents stating his credentials and prior case experience are true and correct to the best of his knowledge and belief.



Matthew J. Barnes

Subscribed and sworn to before me this 27th day of October, 2011.





Notary Public

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Union Electric)
Company's 2011 Utility Resource)
Filing Pursuant to 4 CSR 240 -)
Chapter 22)

File No. EO-2011-0271

AFFIDAVIT OF LEON C. BENDER

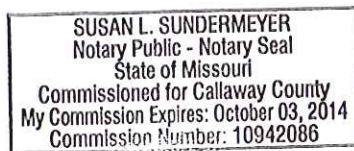
STATE OF MISSOURI)
) ss
COUNTY OF COLE)

Leon C. Bender, of lawful age, on his oath states: that the foregoing documents stating his credentials and prior case experience are true and correct to the best of his knowledge and belief.



Leon C. Bender

Subscribed and sworn to before me this 27th day of October, 2011.




Notary Public

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

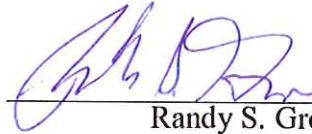
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Chapter 22)

File No. EO-2011-0271

AFFIDAVIT OF RANDY S. GROSS

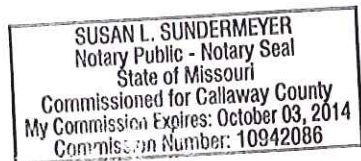
STATE OF MISSOURI)
) ss
COUNTY OF COLE)

Randy S. Gross, of lawful age, on his oath states: that the foregoing documents stating his credentials and prior case experience are true and correct to the best of his knowledge and belief.



Randy S. Gross

Subscribed and sworn to before me this 27th day of October, 2011.





Notary Public

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

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Company's 2011 Utility Resource)
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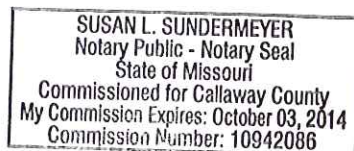
AFFIDAVIT OF HOJONG KANG

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

Hojong Kang, of lawful age, on his oath states: that the foregoing documents stating his credentials and prior case experience are true and correct to the best of his knowledge and belief.


Hojong Kang

Subscribed and sworn to before me this 27th day of October, 2011.




Notary Public

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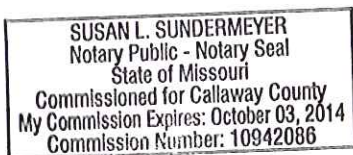
STATE OF MISSOURI)
) ss
COUNTY OF COLE)

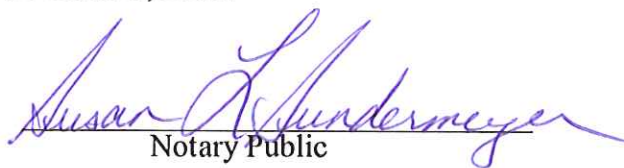
John A. Rogers, of lawful age, on his oath states: that the foregoing documents stating his credentials and prior case experience are true and correct to the best of his knowledge and belief.



John A. Rogers

Subscribed and sworn to before me this 27th day of October, 2011.





Notary Public

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

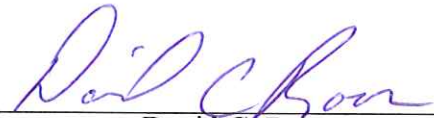
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Chapter 22)

File No. EO-2011-0271

AFFIDAVIT OF DAVID C. ROOS

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

David C. Roos, of lawful age, on his oath states: that the foregoing documents stating his credentials and prior case experience are true and correct to the best of his knowledge and belief.



David C. Roos

Subscribed and sworn to before me this 27th day of October, 2011.





Notary Public