

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

In the Matter of Application of)	
Kansas City Power & Light Company)	
for Approval of the Accrual and Funding)	Case No.
of Wolf Creek Generating Station)	
Decommissioning Costs at Current Levels)	

**APPLICATION OF KANSAS CITY POWER & LIGHT COMPANY
FOR APPROVAL OF THE ACCRUAL AND FUNDING OF WOLF CREEK
GENERATING STATION DECOMMISSIONING COSTS AT CURRENT LEVELS**

COMES NOW Kansas City Power & Light Company ("KCPL"), pursuant to 4 CSR 240-3.185(3), and applies to the Public Service Commission of the State of Missouri ("MPSC") for approval of the accrual and funding of Wolf Creek Generating Station ("Wolf Creek") decommissioning costs at current levels. In support thereof, KCPL states as follows:

1. KCPL is a corporation duly authorized and existing under the laws of the State of Missouri, with its principal office at 1201 Walnut Street, Kansas City, Missouri, and is an "electrical corporation" and "public utility" as defined in Mo. Rev. Stat. §§ 386.020 (12) and (32), respectively. KCPL is engaged primarily in the generation, transmission, distribution, and sale of electric energy and power in western Missouri and eastern Kansas. KCPL is a 47% co-owner of Wolf Creek and has established and is funding a decommissioning trust to ensure that adequate funds are available to decommission Wolf Creek.

2. KCPL has filed with the MPSC certified copies of its Articles of Incorporation and all amendments thereto. These documents are incorporated herein by reference.

3. Communications concerning this submission should be addressed to:

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4. 4 CSR 240-3.185(3) requires KCPL to file by September 1, 1990, and every three years thereafter, a cost study detailing KCPL's latest cost estimate for decommissioning Wolf Creek. The Wolf Creek Generating Station Decommissioning Cost Estimate Update for September 1, 2005 ("2005 Study") is filed herewith.

5. The current approved decommissioning cost estimate for Wolf Creek, as established in Case No. EO-2003-0081, is approximately \$468.4 million in 2002 dollars. The currently approved annual decommissioning trust fund accrual, as originally established in the 1993 accrual schedule and reaffirmed in the aforementioned case, is \$2,303,856 (Missouri jurisdictional amount).

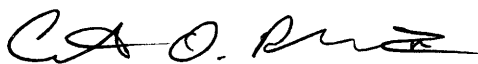
6. The 2005 Study shows the decommissioning cost estimate to be \$517.6 million in 2005 dollars. When adjusted for inflation, this amount is essentially unchanged from the 2002 decommissioning cost estimate. Thus, KCPL believes that it is reasonable and prudent to

continue the annual accruals at the current level of \$2,303,856. KCPL therefore requests that the MPSC approve the continuation of the annual accrual at the current level.

7. KCPL notes that pursuant to the terms of the Stipulation and Agreement approved by the MPSC in Case No. EO-2005-0329, KCPL must file its next general rate case by February 1, 2006. The effective date of the rates set in that case will be January 1, 2007. The level of KCPL's annual Wolf Creek decommissioning cost accrual can be reviewed at that time in the context of the entirety of KCPL's rates.

WHEREFORE, KCPL requests an order from the MPSC: (i) finding that the 2005 Study satisfies the requirements of 4 CSR 240-3.185(3); (ii) approving the 2005 decommissioning cost estimate of \$517,610,000; (iii) approving the continuation of the annual accrual at the current level of \$2,303,856; and (iv) finding that the Wolf Creek decommissioning costs are included in KCPL's current cost of service and are properly reflected in current rates for ratemaking purposes.

Respectfully submitted,



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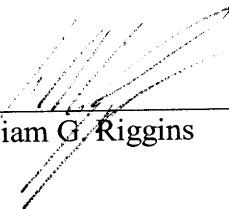
**Counsel for
Kansas City Power & Light Company**

Dated August 30, 2005

VERIFICATION

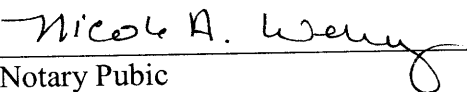
STATE OF MISSOURI)
) ss.
COUNTY OF JACKSON)

William G. Riggins, being first duly sworn, on his oath and in his capacity as General Counsel for Kansas City Power & Light Company, states that he is authorized to execute on behalf of Kansas City Power & Light Company this Application for Approval of the Accrual and Funding of Wolf Creek Generating Station Decommissioning Costs at Current Levels, and has knowledge of the matters stated in this Application, and that said matters are true and correct to the best of his knowledge, information and belief.



William G. Riggins

Subscribed and sworn to before me this 30th day of August, 2005.



Notary Pubic

My Commission expires:

