

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

In the Matter of an Incident on February 4, 2009        )  
at the Iatan generating plant operated by Kansas        )       Case No. ES-2010-\_\_\_\_\_  
City Power & Light Company.                                )

**MOTION TO OPEN INCIDENT INVESTIGATION CASE**

COMES NOW the Staff of the Missouri Public Service Commission (“Staff”) and for its Motion to Open Incident Investigation Case states:

1.       The Missouri Public Service Commission (“Commission”) has the authority to establish a case for the purpose of receiving information from public utilities under its jurisdiction. Sections 386.250, 386.310, and 393.140(1), (2), (3), (5), (9) and (10), RSMo. 2000 and Section 393.130.1 RSMo Supp 2006. Kansas City Power & Light Company (“KCP&L”) is an electrical corporation as defined in Section 386.020 (15) RSMo. Supp 2006, and, as such, is a public utility subject to the Commission’s jurisdiction pursuant to Chapters 386 and 393 RSMo.

2.       KCP&L provides electric service in and about Kansas City, Missouri.

3.       On February 4, 2009, an incident occurred at the existing Unit 1 of the Iatan generating plant KCP&L operates near Weston, Missouri during the attempted start-up of that unit. On February 11, 2009 KCPL filed its Notice Concerning Start-up Issues at Iatan Unit 1 in Case Nos. ER-2009-0089, ER-2009-0090, and HR-2009-0092. On February 26, 2009 KCP&L and KCP&L Greater Missouri Operations Company notified the Commission of the incident pursuant to 4 CSR 240-3.190(3), which was filed under Incident No. I200900096. KCP&L’s Notice stated:

On Wednesday, February 4, 2009, the unit tripped during start-up activities due to vibration in the turbine that was beyond its operating parameters. Subsequent testing confirmed that the shape of the rotor shaft had changed and that the unit could not be operated with the shaft in its present condition.

4. The Staff has initiated an investigation into the incident.

5. Staff will make a final report to the Commission by Wednesday, November 18, 2009 (120 days), if possible. If the Staff cannot make a final report to the Commission by that date, Staff will submit an interim report that contains as much analysis as the Staff is able to provide at that time and the Staff will provide a new estimate as to the date by which it anticipates its investigation will be completed.

WHEREFORE the Staff requests that the Commission open a case for the purpose of receiving the Incident Report pertaining to Staff's investigation of the February 4, 2009 incident at Unit 1 of the Iatan generating plant Kansas City Power & Light Company operates near Weston, Missouri.

Respectfully submitted,

/s/ Sarah Kliethermes

Sarah L. Kliethermes  
Legal Counsel  
Missouri Bar No. 60024

Attorney for the Staff of the  
Missouri Public Service Commission  
P. O. Box 360  
Jefferson City, MO 65102  
(573) 751-6726 (Telephone)  
(573) 751-9285 (Fax)  
sarah.kliethermes@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 for Kansas City Power & Light Company and Public Counsel this 7<sup>th</sup> day of July, 2009.

/s/ Sarah Kliethermes

William Riggins  
bill.riggins@kcpl.com

Office of the Public Counsel  
opcservice@ded.mo.gov