BEFORE THE PUBLIC SERVICE
COMMISSION OF THE STATE OF MISSOURI

SUMMARY OF MEETING

COMES NOW Union Electric Company d/b/a Ameren Missouri (Ameren Missouri or Company) and for its Summary of Meeting states as follows:

On September 18, 2014, at 11:30 a.m., a tour of the Sioux Energy Center was held.

Participants from Ameren Missouri included: President and CEO Michael Moehn; Sr. Vice President Power Operations Chris Iselin, Vice President External Affairs and Communications Warren Wood; Director Sioux Energy Center Jim Williams, Manager Regulatory Affairs Gaye Suggett, and State Regulatory Liaison Cathy Hart.

Participants from Missouri Public Service Commission included: Commissioner Daniel Hall; Commissioner Advisor Goldie Tompkins; Staff Dan Beck, Jerry Scheible, Kay Niemeier, Gary Bangert, Brian Wells, Jason Kunst, and Kofi Boateng. Dustin Allison from the Office of the Public Counsel was invited.

A copy of the presentation is attached.

Respectfully Submitted,

/s/ Wendy K. Tatro
Wendy K. Tatro, #60261
Director & Assistant General Counsel
1901 Chouteau Avenue, MC 1310
P.O. Box 66149
St. Louis, MO 63166-6149
(314) 554-3484 (phone)
(314) 554-4014 (facsimile)
amerenmoservice@ameren.com

ATTORNEYS FOR UNION ELECTRIC COMPANY d/b/a AMEREN MISSOURI

CERTIFICATE OF SERVICE

The undersigned certifies that a true and correct copy of the foregoing document was sent by electronic transmission, facsimile, U.S. Mail or e-mail to all parties of record in all of its contested cases pending before the Missouri Public Service Commission on this 23rd day of September, 2014.

/s/ Wendy K. Tatro
Wendy K. Tatro

Welcome to Sioux Energy Center

Ameren MISSOURI

September 17, 2014

Today's Agenda

- Introductions
- Lunch
- Plant overview
- Walking tour
- Review walk around

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Plant Description

Boilers are Babcock and Wilcox (B & W) UP 19 and 20

Unit 1 went into service May 1967

Unit 2 went into service May 1968

Unit Descriptions:

- 3500 PSI; 1000°F; 3.3 M lbs./hr. 10 cyclones
- 488 MW Nameplate
- Originally burned #6 seam Illinois-Old Ben 24
- The plant site covers 994 acres. The boiler is 21 stories (212 ft.)

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Plant Description

- High standard of safety
- Sioux Energy Center receives high sulfur coal from Illinois and low sulfur coal from Wyoming
- We blend 90% western and 10% Illinois
- Maintain a 60 day coal supply
- Coal is crushed by two hammer-mill coal crushers (600 tons/hour)
- Sioux generation the past 3 years @ 5.5 M Mwhrs each year
- Sioux plant burned 3 million tons of coal in 2013
- Unit availability (depending on outages) – Mid 80%

Ameren MISSOURI

Past Plant History

In 1973 we converted from pressurized operation to balanced draft, installing new ID Fans and enlarging precipitators by 1½ times

Replaced floors and lower walls on Unit 1 in 1974 and on Unit 2 in 1976

Replaced cyclones on Unit 1 in 1982 and on Unit 2 in 1985

Record 173-day run on Unit 1 in 1987 and Unit 2 ran 246 days in 2001

Began burning western fuel during the mid 90's

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Major work completed since Mid 1990's

Coal handling equipment including new fine grind crushers to burn western fuel

DCS controls on both units

Boiler components on both units: floors and lower walls, reheaters, one section of Sec SH, mix panels

Precipitator and fly ash handling equipment including SO3 systems on both units

Turbine and generator overhauls

Fly ash pond

Over fire air system on Unit 2 for NOx control

Scrubbers installed in 2004 for SO2 removal (99% Efficiency)

Cyclean system installed 2013 for Hg control

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