

Exhibit No.: GMO-20(NP)  
Issue: Jeffrey Energy Center Unit 2  
Scrubber Completion (In-Service)  
Witness: Terry S. Hedrick  
Type of Exhibit: Direct Testimony  
Sponsoring Party: KCP&L Greater Missouri  
Operations Company  
Case No.: ER-2010-\_\_\_\_\_  
Date Testimony Prepared: June 4, 2010

**MISSOURI PUBLIC SERVICE COMMISSION**

**CASE NO.: ER-2010-\_\_\_\_\_**

**DIRECT TESTIMONY**

**OF**

**TERRY S. HEDRICK**

**ON BEHALF OF**

**KCP&L GREATER MISSOURI OPERATIONS COMPANY**

**Kansas City, Missouri  
June 2010**

**Certain Schedules Attached To This Testimony Designated "(HC)"  
Have Been Removed  
Pursuant To 4 CSR 240-2.135.**

KCP Exhibit No. GMO 20-NP  
Date 2-16-11 Reporter TU  
File No. ER-2010-0356

**DIRECT TESTIMONY**

**OF**

**TERRY S. HEDRICK**

**Case No. ER-2010-\_\_\_\_\_**

1 **Q: Please state your name and business address.**

2 A: My name is Terry S. Hedrick. My business address is 1200 Main Street, Kansas City,  
3 Missouri 64105.

4 **Q: By whom and in what capacity are you employed?**

5 A: I am employed by Kansas City Power & Light Company ("KCP&L") as Manager of  
6 Plant Engineering.

7 **Q: What are your responsibilities?**

8 A: My responsibilities include the direct supervision of supervising engineers at the facilities  
9 of KCP&L and KCP&L Greater Missouri Operations Company ("GMO" or the  
10 "Company"). These supervising engineers work directly with the plant managers on the  
11 development of capital budgets and the actual implementation  
12 (development/design/procurement/construction/commissioning) of capital projects.  
13 Previously with Aquila, Inc. my role, as Director of Generation Services, held similar  
14 responsibilities which included the direct supervision of engineers that implemented  
15 capital budget projects. As part of the Jeffrey Energy Center ownership component, I  
16 have participated on the Operating Committee for both Aquila and GMO.

17 **Q: Please describe your education, experience and employment history.**

18 A: In 1985, I received a Bachelor of Science Degree in Mechanical Engineering from the  
19 University of Missouri – Columbia. After receiving my degree, I joined the Missouri

1 Public Service Company, which later became UtiliCorp and ultimately Aquila, as Staff  
2 Engineer at the Sibley Generating Station. From that time until 1998, I held positions of  
3 Maintenance Engineer and Assistant Station Superintendent – Maintenance. In 1998, I  
4 began working in the corporate Production department in the capacity of Senior  
5 Production Engineer. From that time until the integration with KCP&L, I have held the  
6 positions of Generation Services Manager and Director of Generation. As stated  
7 previously, I am now employed with KCP&L as Manager of Plant Engineering.

8 **Q: Have you previously testified in proceedings before the Missouri Public Service  
9 Commission or before any other utility regulatory agency?**

10 A: Yes, I have provided testimony before the Missouri Public Service Commission  
11 (“MPSC”). In addition, I have provided testimony before the MPSC while previously at  
12 Aquila.

13 **Q: What is the purpose of your testimony?**

14 A: The purpose of my testimony is to provide, on behalf of GMO, the Jeffrey Energy Center  
15 (“JEC”) Unit 2 confirmation of construction completion and in-service criteria  
16 compliance.

17 **Q: Please describe the relationship between GMO and JEC.**

18 A: JEC is a jointly owned coal fired facility consisting of three units (720 MW/each nominal  
19 capacity) that went into service in; 1978, 1980, and 1983, respectively. GMO owns eight  
20 percent of JEC and Westar Energy (“Westar”) owns eighty-four percent of the facility  
21 and leases the remaining eight percent.

1 **Q: Please describe the air quality control equipment project at JEC and the decision**  
2 **process.**

3 A: In response to the Clean Air Act, Westar made the decision to undertake the air quality  
4 control project at JEC which included scrubbers on all three units. As an eight percent  
5 owner, Aquila performed an evaluation of the project to confirm the economics. Based  
6 upon its review and analysis of the project, Aquila provided a letter of concurrence to  
7 Westar in February 2007.

8 **Q: Is the JEC 2 Scrubber complete?**

9 A: Yes, the JEC Scrubber is complete. In addition, it should be noted that the Scrubber  
10 rebuilds for JEC 1 and 3 were completed in 2008 and were accounted for in previous  
11 testimony. In like manner, and specifically for JEC 2, the scrubber was completed on  
12 April 30, 2009.

13 **Q: Is the JEC 2 Scrubber in-service?**

14 A: Yes, in accordance with the "In-Service Criteria for SO<sub>2</sub> Control Equipment Jeffrey  
15 Energy Center" jointly developed with the MPSC Staff, the JEC 2 Scrubber is considered  
16 in-service. This is based upon the successful demonstration results and documentation.  
17 The complete "Jeffrey Energy Center Unit 2 SO<sub>2</sub> Control Equipment In-Service Testing  
18 Report" is provided in Schedule TSH2010-1 (HC).

19 **Q: Does that conclude your testimony?**

20 A: Yes, it does.



**SCHEDULE TSH2010-1**

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