

**Committee on Science, Space, and Technology**

**U.S. House of Representatives**

Witness Disclosure Requirement - "Truth in Testimony"  
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Wayne E. Penrod		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No <input checked="" type="checkbox"/>
3. Are you testifying on behalf of an entity that is not a government entity?	Yes <input checked="" type="checkbox"/>	No
4. Other than yourself, please list which entity or entities you are representing:  Sunflower Electric Power Corporation		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2008:		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity(ies) you are representing:  Executive Manager, Environmental Policy		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes	No <input checked="" type="checkbox"/>
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2008, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:		

I certify that the above information is true and correct.

Signature: **Wayne E Penrod**

Date: September 13, 2011

Digitally signed by Wayne E Penrod  
DN: cn=Wayne E Penrod, o=Sunflower Electric Power Corporation, email=wepenrod@sunflower.net, c=US  
Date: 2011.09.13 12:14:54 -05'00'



# SUNFLOWER ELECTRIC POWER CORPORATION

A Touchstone Energy® Cooperative 

Wayne Penrod serves as the Executive Manager, Environmental Policy for Sunflower Electric Power Corporation. Sunflower is a not-for-profit electric utility operated as a cooperative in central and western Kansas. Sunflower is owned by six rural electric cooperatives that provide distribution service. The distribution cooperatives also own Mid-Kansas Electric Company, LLC, a utility formed to purchase the Aquila Kansas Electric assets in 2007. Sunflower operates generation and transmission on behalf of Mid-Kansas on a contractual basis.

The combined utilities represent a combined system of 1,272 MW of generation from coal, natural gas, and wind resources. This energy is transmitted through 2,254 miles of high voltage transmission delivered through 76 sub-stations. Sunflower ultimately provides energy to over 400,000 Kansans.

As the Executive Manager of Environmental Policy, Wayne is responsible for Sunflower's compliance with all state and federal environmental regulations, permitting, and reporting activities for Sunflower's generation facilities. As a liaison with state and federal regulatory agencies and legislative bodies, he maintains an awareness of proposed changes to environmental regulations that may impact Sunflower.

## **BIOGRAPHICAL INFORMATION**

### **Wayne E. Penrod**

Executive Manager, Environmental Policy  
Sunflower Electric Power Corporation

Wayne joined Sunflower in February 1988 as Manager, Engineering. He became Senior Manager, Power Production in November 1988, Senior Manager, Environment/Production Planning in July 1992 and Executive Manager, Environment in 2006.

#### **Family**

Wayne and his wife, Frieda, live in Hays, Kansas and have three adult children, Alan, Curtis and Amy, and one granddaughter.

#### **Education**

He graduated in 1970 with a Bachelor of Science degree in Mechanical Engineering from Virginia Polytechnic Institute.

#### **Tenure at Sunflower**

Wayne has experience in the engineering, operation, and maintenance of coal and gas-fired generating equipment ranging in size from 10 to 800 MW.

He is responsible for Sunflower's compliance with all state and federal environmental regulations, permitting, and reporting activities for Sunflower's generation facilities. As a liaison with state and federal regulatory agencies and legislative bodies, he maintains an awareness of proposed changes to environmental regulations that may impact Sunflower.

Recent and current activities include:

- Representing Sunflower before regulatory agencies for securing a PSD permit for a new 895 MW coal-fired generating unit to be co-located with existing Sunflower unit at Holcomb, Kansas.
- Lead Sunflower's effort to secure a Clean Coal Technology program award to enhance the NO<sub>x</sub> reduction capabilities of the Holcomb 1 unit.
- Developing a partnership arrangement with ADA Environmental Services (ADA-ES) which resulted in the successful completion of a full-scale mercury removal demonstration project.
- Received the 2005 EPRI Technology Achievement Award for championing the successful completion of the activated carbon injection mercury control project at Holcomb Station

## **BIOGRAPHICAL INFORMATION**

### **Previous Employment**

Before coming to Sunflower, Wayne served the Kansas City Board of Public Utilities from 1978-1988 as Superintendent of Power Station Maintenance, Senior Mechanical Engineer, and Results Engineer. From 1971-1978 he served the Ohio Power Company/American Electric Power System as Controls Supervisor, Performance Engineer, and Senior Performance Engineer.

### **Contact Information**

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