

# Preliminary Site-Specific Results of the License Renewal Environmental Review For Kewaunee Power Station

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March 24, 2010

# Meeting Overview

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- NRC presentation (25 minutes)
  - Brief project background
  - Summary of environmental review
  - Upcoming milestones and how to submit comments outside this meeting
- Your comments (remaining time)

# NRC's Regulatory Oversight

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- NRC regulates civilian use of nuclear materials, including power plants
- NRC's mission:
  - Protect public health and safety
  - Promote common defense and security
  - Protect the environment

# Environmental Review

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- Draft Supplemental Environmental Impact Statement addresses site-specific issues
- Generic Environmental Impact Statement addresses issues common to many or all plants
- Review proposed action (license renewal) and alternatives

# Taxes and Waste Storage

- Comments received during the scoping period are recorded in Appendix A
  - pp A-3 to A-9
- Discussion of taxes in Chapter 2 under socioeconomic factors
  - pp 2-47 to 2-53

# Environmental Issues of Continued Operation

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Issues	Impact
Air Quality	SMALL
Ground Water	SMALL
Surface Water	SMALL
Aquatic and Terrestrial Resources	SMALL
Human Health	SMALL
Socioeconomics	SMALL
Waste Management	SMALL

# Cumulative Impacts

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- Overall impacts to environment including past, present, and likely future actions
- Preliminary findings
  - MODERATE cumulative impacts on aquatic resources
  - SMALL cumulative impacts on terrestrial resources
  - SMALL cumulative socioeconomic impacts
  - SMALL cumulative impacts in other areas.

# Alternatives

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- Alternative energy sources
  - Natural gas
  - Coal
  - Combinations of alternatives  
(conservation/efficiency, wood-fired generation,  
and wind power)
- No action – KPS shut down without  
further action or replacement



# Preliminary Conclusion

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The environmental impacts of license renewal for Kewaunee Power Station are not so great as to make license renewal unreasonable

# KPS Environmental Review Milestones

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Application Submitted	August 12, 2008
Information Public Meeting	October 22, 2008
Notice of Intent	October 9, 2008
Scoping Public Meeting	October 22, 2008
Scoping Period Ended	December 8, 2008
Scoping Summary Report	April 6, 2009
Draft SEIS	January 29, 2010
Draft SEIS Public Meeting	March 24, 2010
Draft SEIS Comments Due	April 23, 2010
Final SEIS	TBD, 2010

# Additional Information

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- Environmental PM:  
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**daniel.doyle@nrc.gov**
- Safety PM:  
**John Daily**  
**(800) 368-5642, Ext. 3873**  
**john.daily@nrc.gov**
- The draft SEIS can be viewed at:
  - Kewaunee Public Library, 822 Juneau St, Kewaunee, WI 54216
  - Online:
  - <http://www.nrc.gov/reactors/operating/licensing/renewal/applications/kewaunee.html>

# Submitting Comments

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- By e-mail: **[KewauneeEIS@nrc.gov](mailto:KewauneeEIS@nrc.gov)**
- By mail: Chief, Rulemaking and Directives  
Branch  
Division of Administrative Services  
Office of Administration  
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