



Public Scoping Meeting Fermi Nuclear Power Plant, Unit 3 Combined License Application Environmental Review

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Division of Site and Environmental Reviews**

January 14, 2009

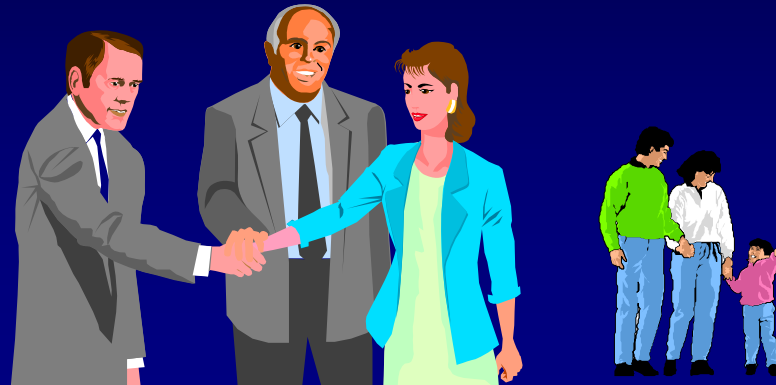


Purposes and Overview of this Meeting

- **Solicit your input to the environmental scoping process**
- **Discuss combined license application review process**
- **Explain NRC's National Environmental Policy Act (NEPA) process during review of a combined license application**
- **Present tentative schedule for environmental review**
- **Describe how you can participate in the regulatory process**



Participants in NRC Licensing Process for Fermi Nuclear Power Plant, Unit 3



NRC

- Commissioners
- Staff members
- Hearing Boards
- Advisory Committee on Reactor Safeguards

Stakeholders

- Residents of the community
- Public interest groups
- Other Federal agencies
- Tribal councils
- State entities
- U.S.-Canada joint commissions
- Local officials and others

License Applicant

- Detroit Edison Company



Relevant Laws & Regulations

The NRC regulates civilian uses of nuclear materials to protect the public health and safety and the environment

- **Atomic Energy Act of 1954, as amended**
- **National Environmental Policy Act (NEPA) of 1969**
- **Title 10 of the Code of Federal Regulations (CFR), Parts 51 and 52**
- **Other laws and regulations**



Combined License (COL)

Authorization from the NRC to construct and operate a nuclear power plant at a specific site and in accordance with applicable Federal laws and regulations

- **Detroit Edison submitted an application for a COL for the Fermi Nuclear Power Plant, Unit 3 (Fermi 3) on September 18, 2008**
- **Detroit Edison's COL application includes the Fermi 3 Environmental Report**



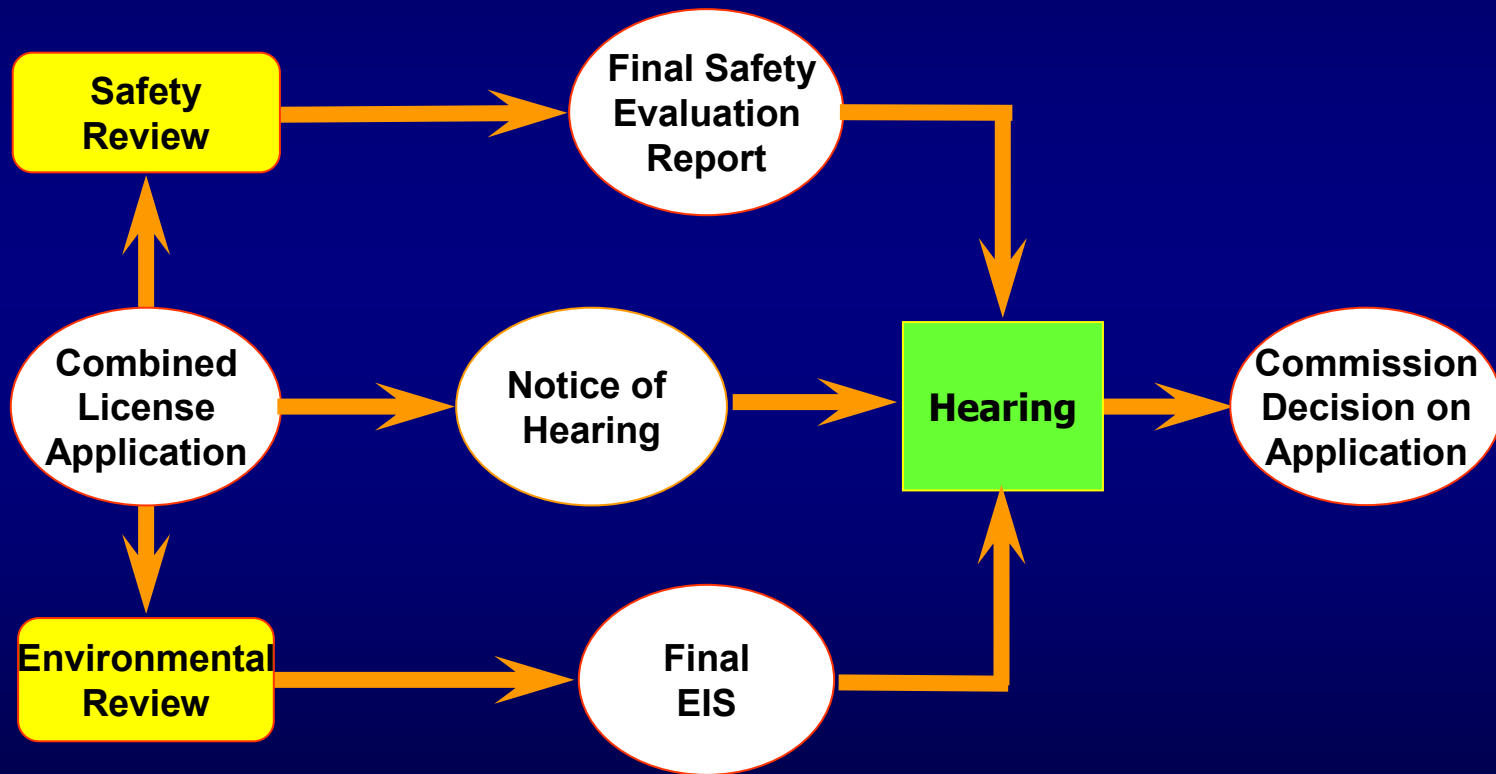
Nuclear Reactor Design and COL Application Reviews

- **Standard Design Certification Review (ongoing)**
 - **GE-Hitachi Nuclear Energy Americas, LLC
ESBWR**

- **COL Application Review**
 - **Safety Review for ESBWR design at the
Fermi Nuclear Power Plant site**
 - **Environmental Review of potential impacts of
Unit 3 construction and operation at the Fermi
site, adjacent to the existing Unit 2**



Combined License Application Review Process





National Environmental Policy Act

- **NEPA requires Federal agencies to use a systematic approach to consider environmental impacts**
- **An Environmental Impact Statement (EIS) is required for major Federal actions that may significantly affect the quality of the human environment**
- **Issuing a combined license is considered a major Federal action**



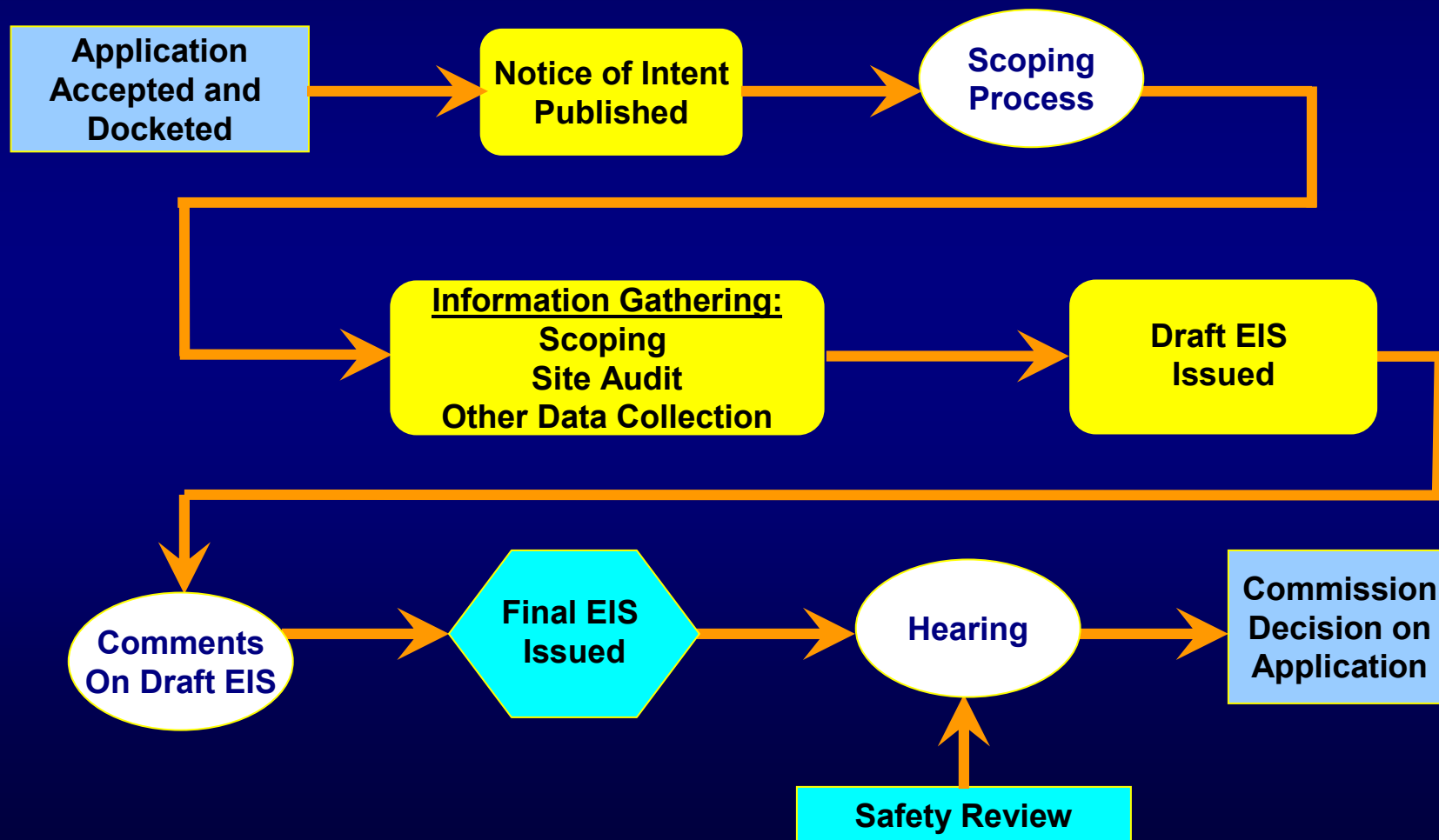
NRC Environmental Review

- Evaluate potential environmental impacts of construction and operation of a new nuclear facility at the Fermi site
- Informed and systematic decision making
 - 10 CFR Part 51 - NRC's regulations for implementing NEPA
 - NUREG-1555 - NRC's "*Environmental Standard Review Plan*", provides review guidance
- Provide for public involvement
 - Scoping comment period
 - Draft EIS comment period
- Clearly document our environmental findings
- Maintain an open and transparent review process



Environmental Review Process

Environmental Review Process





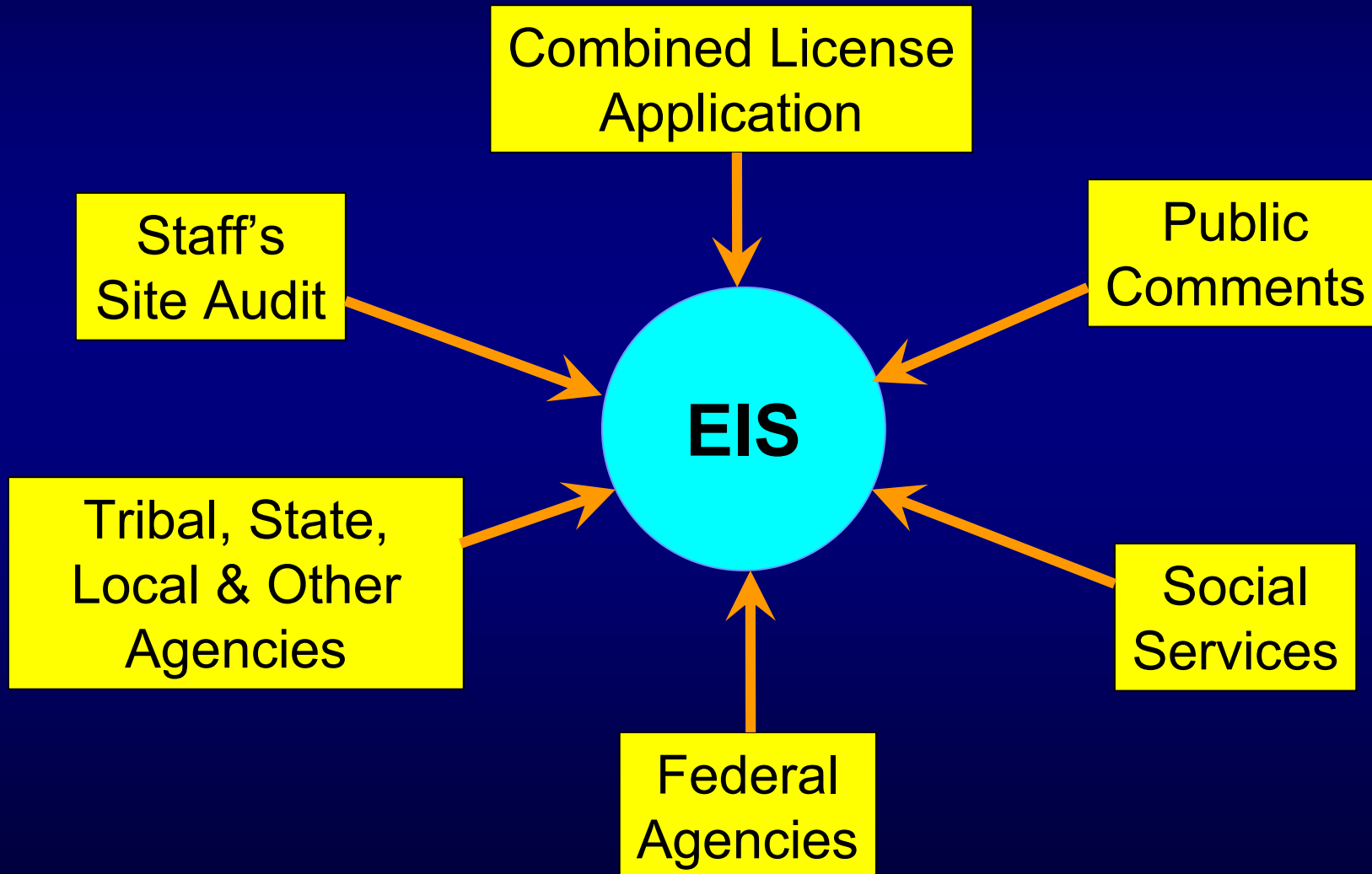
Fermi 3

Environmental Scoping

- **This process helps determine the scope of the environmental review and EIS**
- **Comments during the scoping period can be provided through February 9, 2009**
- **The Scoping Summary Report will provide responses to comments received (~July 2009)**

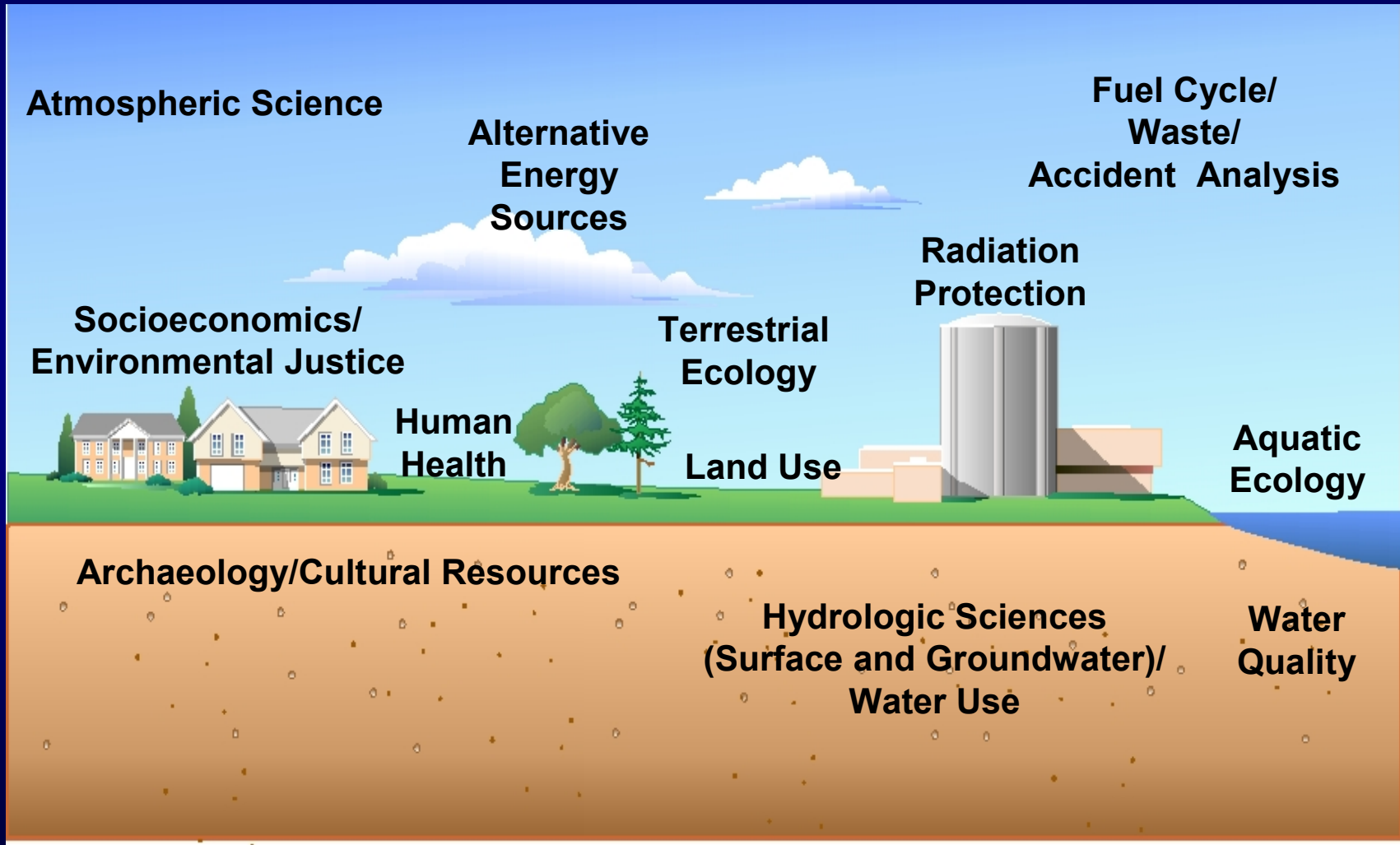


Information Gathering





Environmental Review Team Expertise





Environmental Review Schedule

- **Review of Environmental Report started**
- **Scoping period in progress**
 - **Notice of Intent published December 10, 2008**
 - **Comment period ends February 9, 2009**
- **Issue Draft EIS ~2010**
- **Public Meeting on Draft EIS ~2010**
- **Issue Final EIS ~2011**



Public Involvement

- **Public interaction during environmental review**
- **Hearing**
 - **Covers both environmental and safety issues**
 - **Atomic Safety Licensing Board (ASLB) mandatory hearing and, if necessary, contested hearing(s)**
 - **Interested persons can petition to intervene**

Obtain more information on NRC's website at:

<http://www.nrc.gov/reactors/new-reactors/col/fermi.html>



Hearing and Petition to Intervene

- **Petition to intervene**
 - **Deadline to file is 60 days from publication of Federal Register Notice of Opportunity for Hearing (published January 8, 2009 in Federal Register)**
 - **Rules governing intervention petitions: 10 CFR 2.309**
- **Digital certificate is required**
- **Allow 10 business days for obtaining the digital certificate**
- **Instructions for e-filing will be in the hearing notice and at www.nrc.gov/site-help/e-submittals.html**
- **E-filing Help Desk Phone Number: 1 (866) 672-7640**



NRC Fermi 3 Contacts and Information

- **Stephen Lemont, Environmental Project Manager**
 - **1 (800) 368-5642, extension 5163**

- **Chandu Patel, Lead Safety Project Manager**
 - **1 (800) 368-5642, extension 3025**

- **Public Document Room Help Desk**
 - **Telephone: 1 (800) 397-4209**
 - **Email: PDR.Resource@nrc.gov**

Fermi 3 documents can be viewed at:

- **NRC's website:**
<http://www.nrc.gov/reactors/new-reactors/col/fermi.html>
- **Monroe County Libraries, Ellis Reference and Information Center**



Environmental Scoping Comments

Provide Scoping Comments:

- **At this scoping meeting**
- **By mail: Chief, Rulemaking, Directives, and
Editing Branch
Division of Administrative Services
Office of Administration
Mailstop TWB-05-B01M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001**
- **By email: Fermi3.COLEIS@nrc.gov**