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

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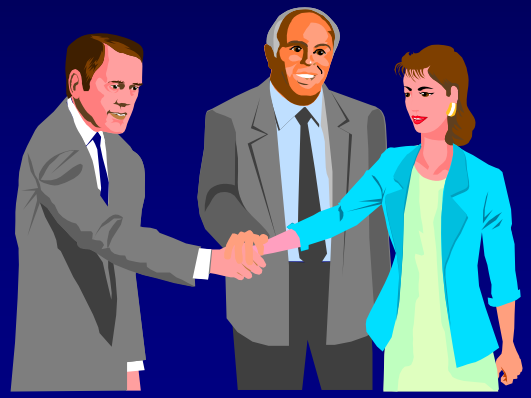
Division of Site and Environmental Reviews

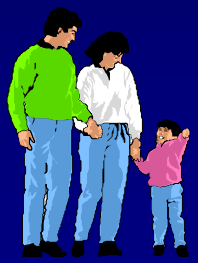
January 14, 2009

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

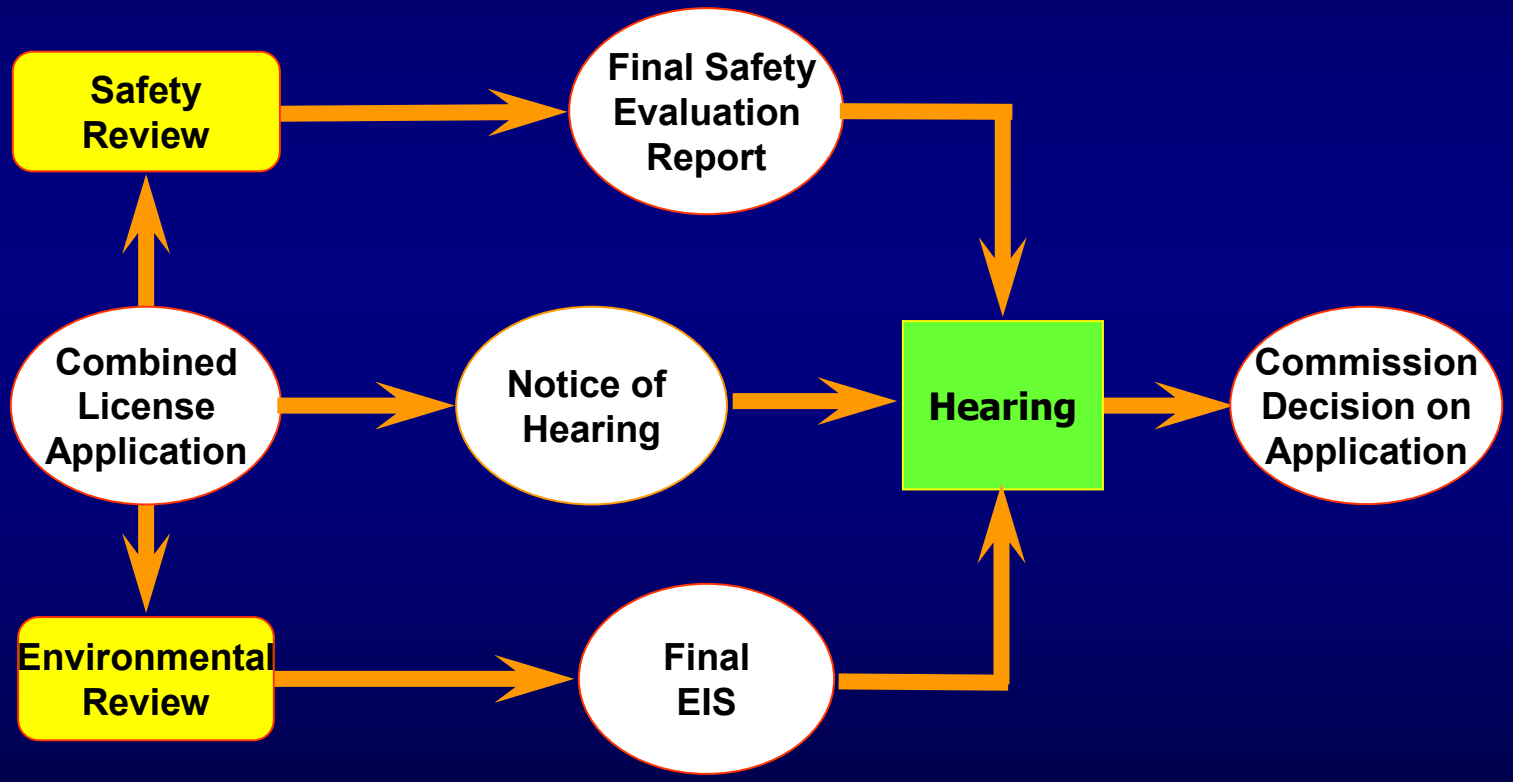
and in accordance with applicable Federal laws and regulations

- **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

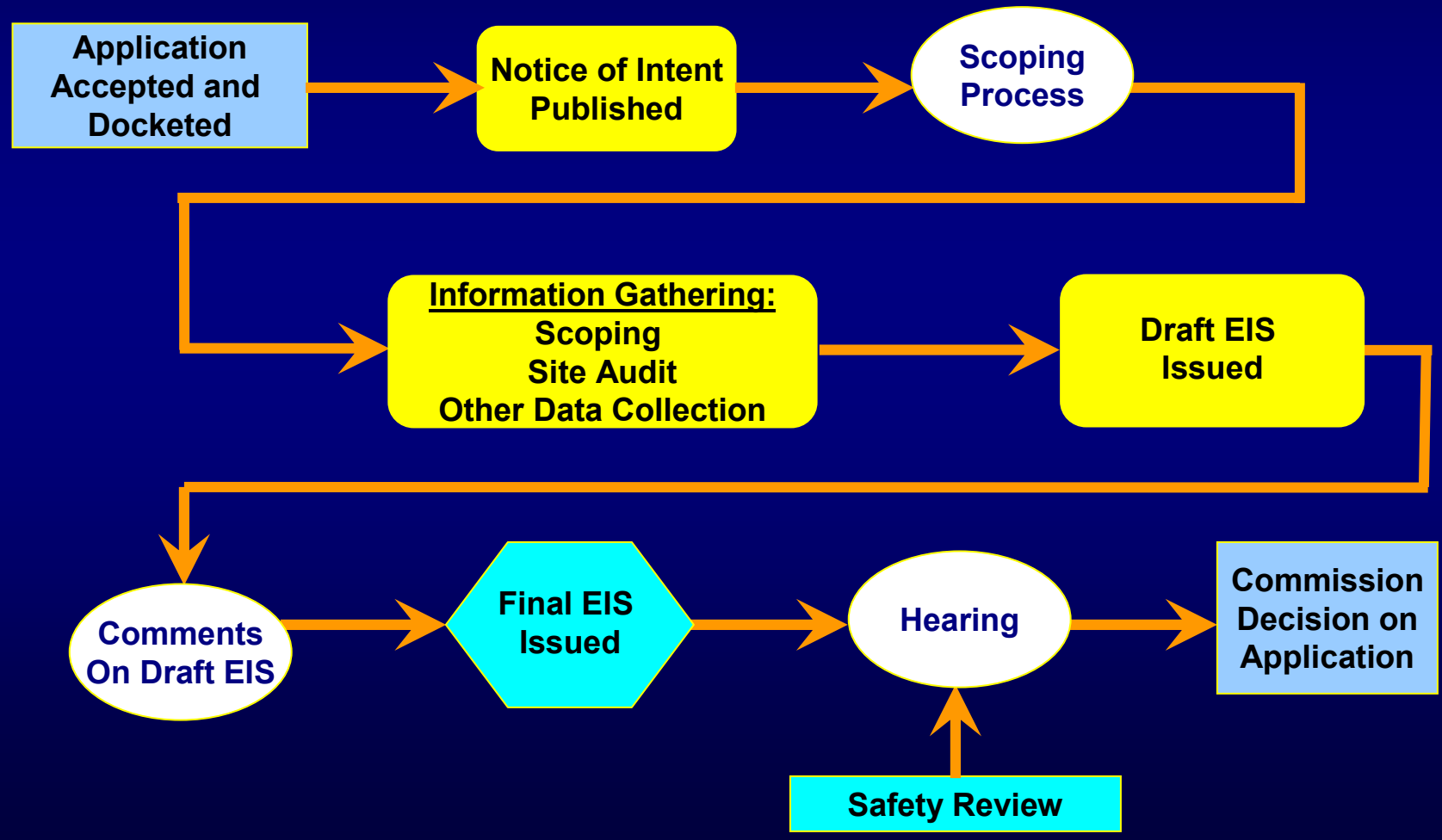
- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions that may significantly affect the quality of the human environment
- Issuing a combined license is considered a major Federal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

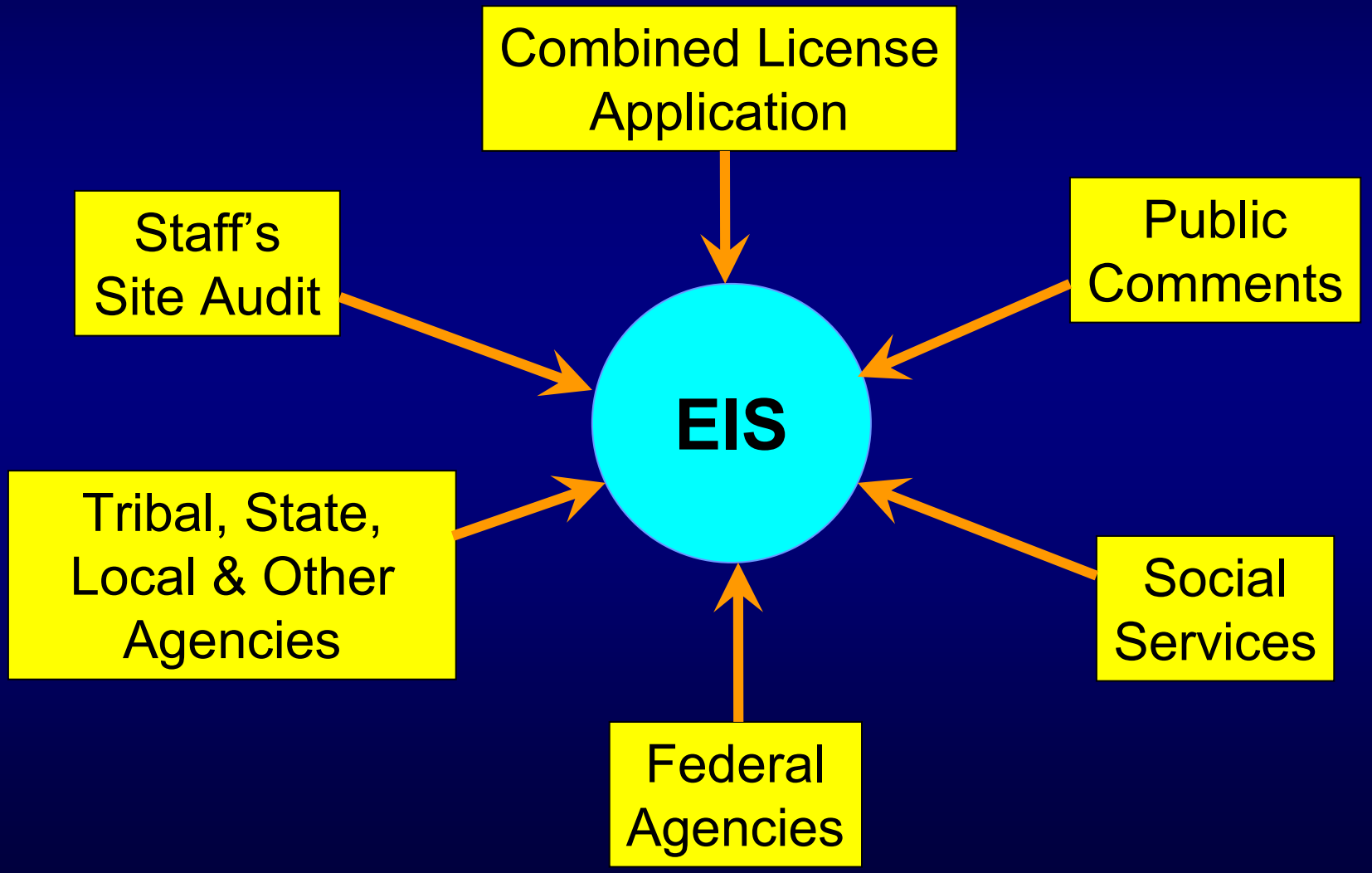
Environmental Review Process



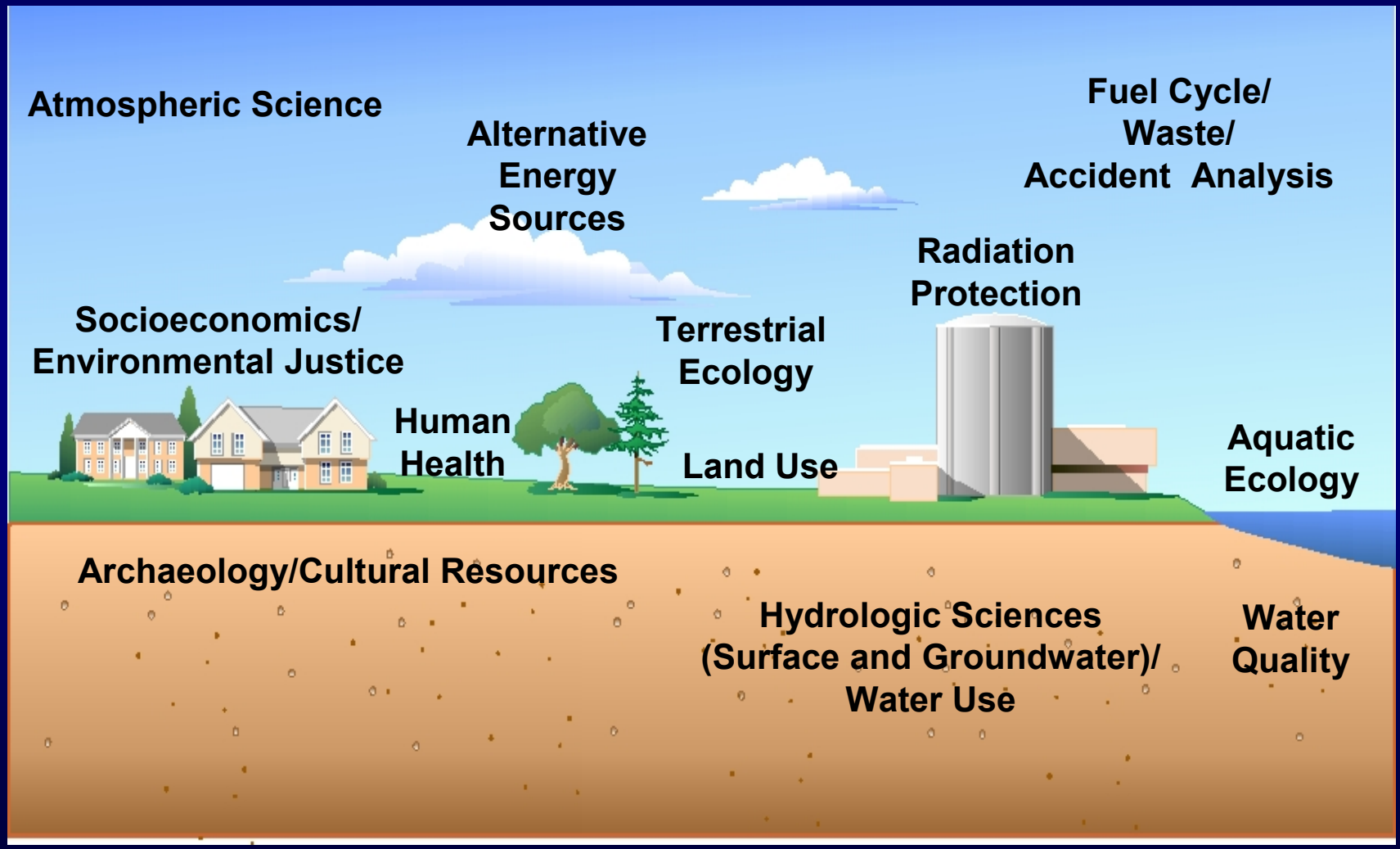
Fermi 3 Environmental Scoping

- 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