

## SCHEDULING NOTE

**Title:** HEARING ON COMBINED LICENSE FOR FERMI, UNIT 3:  
SECTION 189A OF THE ATOMIC ENERGY ACT PROCEEDING  
(Public Meeting)

**Scheduled:** February 4, 2015  
8:30 am

**Purpose:** To receive testimony and exhibits regarding the application of DTE Electric Company for a combined license (COL) and to construct and operate a new nuclear power generation facility at the existing Fermi site. The testimony will focus on unique features of the facility or novel issues that arose as part of the review process and other significant technical or policy issues associated with aspects of the staff's review that are important for the Commission to make its final decision. The Commission will determine whether the staff's review has been adequate to support the findings in 10 C.F.R. §§ 52.97(a), 50.10(e), and 51.107(a) and (d).

**Duration:** 1 day

**Location:** Commissioners' Conference Room, 1<sup>st</sup> Floor OWFN

NOTE: Chairman to provide opening remarks, admit exhibits, and swear in witnesses.  
**20 mins.**

**Participants:** **Presentation**

*(Note: Presenters seated at the table are listed, other staff available to answer questions will be seated in the well and reserved rows.)*

**Overview (DTE Electric Company)** **30 mins.\***

**At the table:**

**Ron May, Sr.** Executive Vice President, DTE

**Peter Smith,** Director, Nuclear Development

**Topic:** Overview

**Commission Q & A** (round of questions; 6 minutes each) **24 mins.\*\***

**Overview (NRC Staff)** **30 mins.\***

**At the table:**

**Glenn Tracy,** Director, Office of New Reactors, NRO

**Frank Akstulewicz**, Director, Division of New Reactor Licensing, NRO  
**Mark Delligatti**, Deputy Director, Division of New Reactor Licensing, NRO

**Topic:** Overview of ESBWR design certification, summary of key safety information associated with the ESBWR design certification\*\*\*, use of design-centered review approach, and summary of regulatory findings. The staff will also discuss how it analyzed deviations and exemptions.

**Commission Q & A** (round of questions; 6 minutes each) **24 mins.\*\***

**BREAK** **5 mins.**

NOTE: For the remaining panels, the applicant is expected to discuss the contents of the COL application while the staff is expected to discuss their review process and regulatory conclusions. Each panel should include a discussion of site-specific ITAAC or other license conditions associated with the subject matter of the panel.

**Safety - Panel 1\*\*\* (10:45 am)**

**Applicant**

**5 mins.\***

**At the table:**

**Peter Smith**, Director, Nuclear Development

**Javad Moslemian**, Engineering Manager

**Steven Thomas**, Engineering Manager

**Staff**

**10 mins.\***

**At the table:**

**Adrian Muñiz**, Project Manager, NRO

**Sarah Tabatabai**, Seismologist, Structural, Geotechnical & Seismic Engineering Branch, RES

**Manas Chakravorty**, Senior Structural Engineer, Structural Engineering Branch 2, NRO

**Topic:** Relevant sections of the application and the following chapters from the Final Safety Evaluation Report:

- Chapter 3, “Design of Structures, Components, Equipment and Systems,” including discussion of novel issue associated with the review of the soil-structure interactions review.

Note that the panel will not have specific topics to discuss for the following chapters. If the Commission wishes to ask questions on these chapters, this panel would be the appropriate time.

- Chapter 1, “Introduction and Interfaces”
- Chapter 2, “Site Characteristics”

- Remaining portions of Chapter 3, “Design of Structures, Components, Equipment and Systems”
- Chapter 4, “Reactor”
- Chapter 5, “Reactor Coolant System and Connected Systems”
- Chapter 6, “Engineered Safety Features”
- Chapter 7, “Instrumentation and Controls”
- Chapter 8, “Electric Power”
- Chapter 9, “Auxiliary Systems”
- Chapter 10, “Steam and Power Conversion”

**Commission Q & A** (round of questions; 6 minutes each)

**24 mins.\*\***

**Safety - Panel 2\*\*\* (11:25 am)**

**Applicant**

**5 mins.\***

**At the table:**

**Peter Smith**, Director, Nuclear Development

**David Hinds**, Technical Engineering Manager

**Steven Thomas**, Engineering Manager

**Staff**

**10 mins.\***

**At the table:**

**Adrian Muñiz**, Project Manager, NRO

**Angelo Stubbs**, Senior Reactor Systems Engineer, Plant Systems Branch, NRO

**Raul Hernandez**, Reactor Systems Engineer, Plant Systems Branch, NRO

**Dan Barss**, Team Leader, Division of Preparedness and Response, NSIR

**Topic:** Relevant sections of the application and the following chapters from the Final Safety Evaluation Report:

- Chapter 20, “Fukushima Near-Term Task Force Recommendations”, including discussion of novel issue associated with the review of actions to address the Fukushima Recommendations.

Note that the panel will not have specific topics to discuss for the following chapters. If the Commission wishes to ask questions on these chapters, this panel would be the appropriate time.

- Chapter 11, “Radioactive Waste Management”
- Chapter 12, “Radiation Protection”
- Chapter 13, “Conduct of Operations”
- Chapter 14, “Initial Test Program”
- Chapter 15, “Accident Analysis”
- Chapter 16, “Technical Qualifications”
- Chapter 17, “Quality Assurance”
- Chapter 18, “Human Factors Engineering”
- Chapter 19, “Probabilistic Risk Assessment”

**Commission Q & A** (round of questions; 6 minutes each)

**24 mins.\*\***

***BREAK (Lunch Break-Approx. 12:05-1:30 pm)***

***1.5 hour***

**Environmental Overview - Panel 1 (1:30 pm)**

**Applicant**

**5 mins.\***

**At the table:**

**Peter Smith, Director, Nuclear Development**

**Randall Westmoreland, Technical Expert**

**Steven Thomas, Engineering Manager**

**Staff**

**20 mins.\***

**At the table:**

**Jennifer Dixon-Herrity, Chief Environmental Projects Branch, NRO**

**Mallecia Sutton, Project Manager, NRO**

**Andrew Kugler, Senior Project Manager, NRO**

**Topic: Final Environmental Impact Statement**

- Provide a summary of the process for developing the FEIS including:
  - The scoping process
  - Consultations with other State, Federal and local agencies
  - The staff's independent review and analysis
  - DEIS issuance, public meetings and solicitation of stakeholder comments
  - Summarize the environmental impacts for the following resource areas: land use, air quality, water, terrestrial and aquatic ecology, socioeconomics, environmental justice, radiological and non-radiological health, and historic and cultural resources.
- Discuss the analysis of alternatives including:
  - Energy alternatives
  - Alternative sites
- Summarize conclusions and recommendation including a summary of the benefits and costs of the proposed action
- Process for identifying and assessing new information

**Commission Q & A (round of questions; 6 minutes each)**

**24 mins.\*\***

**Environmental Overview - Panel 2 (2:20 pm)**

**Applicant**

**5 mins.\***

**At the table:**

**Peter Smith, Director, Nuclear Development**

**Randall Westmoreland, Technical Expert**

**Steven Thomas, Engineering Manager**

<b><u>Staff</u></b>	<b>25 mins.*</b>
<b>At the table:</b>	
<b>Jennifer Dixon-Herrity</b> , Chief Environmental Projects Branch, NRO	
<b>Mallecia Sutton</b> , Project Manager, NRO	
<b>Andrew Kugler</b> , Senior Project Manager, NRO	
<b><u>Topic:</u></b> Final Environmental Impact Statement:	
<ul style="list-style-type: none"> <li>• Discuss the novel issues identified in its SECY paper: <ul style="list-style-type: none"> <li>○ Historic Preservation Related to Fermi 1</li> <li>○ International Interactions</li> </ul> </li> </ul>	
<b>Commission Q &amp; A</b> (round of questions; 6 minutes each)	<b>24 mins.**</b>
<b><i>BREAK</i></b>	<b><i>5 mins.</i></b>
<b>Closing</b>	<b>60 mins.</b>
<b>Closing Statement by Applicant</b>	<b>15 mins.*</b>
<b>Peter Smith</b> , Director, Nuclear Development	
<b>Closing Statement by Staff</b>	<b>15 mins.*</b>
<b>Glenn Tracy</b> , Director, Office of New Reactors, NRO	
<b>Commission Q &amp; A and Closing Statements</b>	<b>30 mins.*</b>

\*For presentation only and does not include time for Commission Q & A's.

\*\*All Commissioners will have an opportunity to ask questions after each panel. Q&A time after each panel will be flexible to allow Commissioners to choose to ask questions after each panel or reserve all or some of their time for a subsequent panel.

\*\*\*Design issues associated with the ESBWR incorporated by reference have been resolved in the context of the design certification rulemaking but are discussed here to provide context for the COL review.