



**Combined License Application
Review
Fermi 3**

Environmental Panel 2

February 4, 2015

Fermi 1 Historic Preservation

- **Fermi 3 will be located adjacent to Fermi 1 and will require demolition of Fermi 1**
- **Fermi 1:**
 - **Will be fully decommissioned prior to start of construction of Fermi 3**
 - **Was identified as eligible for listing in the National Register of Historic Places and as a Nuclear Historic Landmark**
 - **Demolition identified as an adverse effect**

Mitigation for Demolition of Fermi 1

- Documentation package on Fermi 1 submitted to State Archives**
- Permanent public exhibit on history of Fermi 1 developed**

International Interactions

- **Fermi site located seven miles from Canada**
- **Staff contacted:**
 - **International Joint Commission**
 - **Great Lakes Fisheries Commission**
 - **Fish and Wildlife Service Detroit River International Wildlife Refuge**

Other International Outreach

- **Notice of public meetings in Canadian newspaper “Windsor Star”**
- **Inclusion of Canadian emergency management personnel in emergency planning zone meetings**

Comments from International Interactions

- **Scoping comments received from four international groups**
- **Comments on draft EIS received from two international organizations**
- **Request for opportunity to comment on FEIS received through U.S. Embassy in Canada**

Continued Storage Background

- **Fermi 3 FEIS published January 2013**
- **Continued Storage Rule at 10 CFR 51.23 and supporting NUREG-2157 published in September 2014**
- **Staff therefore considered whether a supplement was needed**

Requirements for Supplement

- **10 CFR 51.92(a) addresses conditions requiring a supplement to an FEIS including:**
 - **New and significant circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts**
 - **Commission has described the standard for a supplement as whether the new information is “presenting a seriously different picture” of impacts**

Staff Evaluation for Continued Storage

- **Staff concluded in Fermi 3 FEIS, Section 6.1.6, that impacts of waste from the fuel cycle are SMALL**
- **Following issuance of the rule, Staff prepared analysis (November 2014) to assess significance for Fermi 3**

Continued Storage Environmental Impacts

- **NUREG-2157 concluded:**
 - **Impacts of at-reactor storage in short-term timeframe would be SMALL**
 - **Disposal in short-term timeframe is most likely**
 - **Most impacts would be SMALL**
 - **Some impacts could be SMALL to MODERATE or SMALL to LARGE**
- **Ranges are driven by uncertainties**

Additional Considerations for Continued Storage

- **NEPA asks for reasonably foreseeable impacts, not worst case**
- **Impacts of existing independent spent fuel storage installations (ISFSIs) are minor**
- **Similar conclusion supports general license provisions for ISFSIs (10 CFR Part 72, Subpart K)**

Continued Storage Conclusions

- **Based on preceding, impacts of continued storage will likely be SMALL**
- **Staff concludes the most likely outcomes are that:**
 - **Storage will remain on site until disposal**
 - **Disposal will be by end of short-term timeframe**
- **Staff concludes that this is not a seriously different picture from the Fermi 3 FEIS**
- **No supplement to the FEIS is required**