

# Presentation to the U.S. Nuclear Regulatory Commission

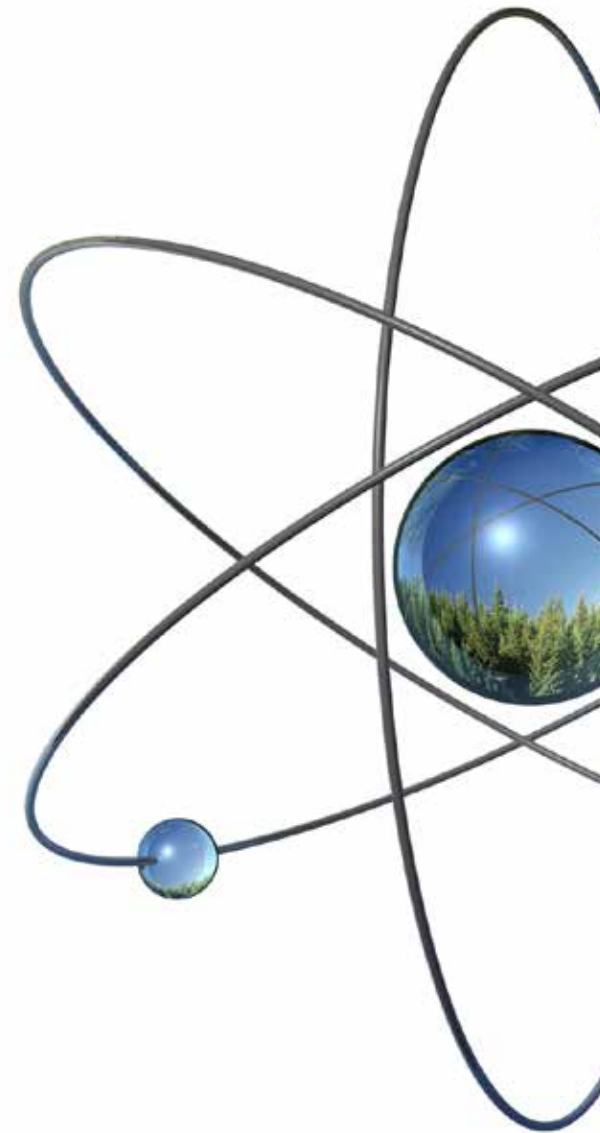
## Global Nuclear Fuel ISA Project Review

August 22, 2012



Global Nuclear Fuel

A Joint Venture of GE, Toshiba, & Westinghouse



# Agenda

**ISA Review Project Status**  
**Verification Project Status**  
**Fire Sequence Approach**  
**Natural Phenomena Hazards**  
**Sole IROFS Reduction Effort**  
**Project Benefits**  
**Summary**

# ISA Review Project Schedule

**Conversion ISA Review  
Implementation  
Verification**

**Complete  
Complete  
Complete**

**Fabrication ISA Review  
Implementation  
Verification**

**Complete  
Complete  
Sep 2012**

**Balance of Plant ISA Review  
Implementation  
Verification**

**Dec 2012  
Mar 2013  
Mar 2013**

# Verification Project Status

- **Fabrication Verification milestone on schedule**
- **Ongoing improvements to process, such as:**
  - Ø **Additional prioritization of findings**
  - Ø **Findings incorporated and tracked in corrective action program**
  - Ø **Selected Verification Team members assigned to assist staff with deficiency correction**
- **Next phase ... team is verifying BOP nuclear safety requirements and criticality safety controls**

# Fire Sequence Approach

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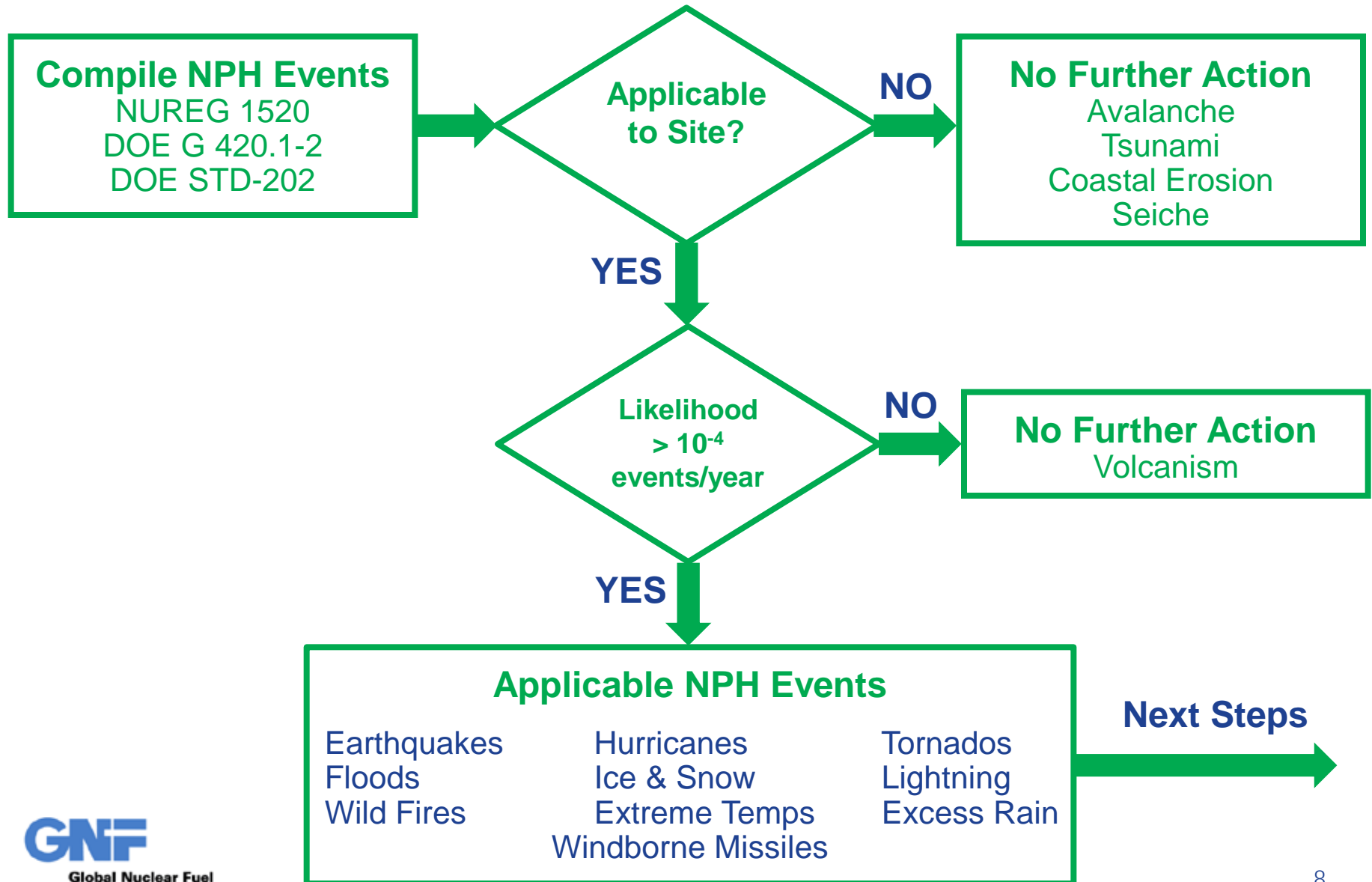
**Open Unresolved Item (URI 2012-002-01) on inconsistent fire sequence methodology**

**Modifying methodology ... incorporating lessons learned from first milestones and feedback**

**GNF-A will review the methodology with NRC to address the URI**

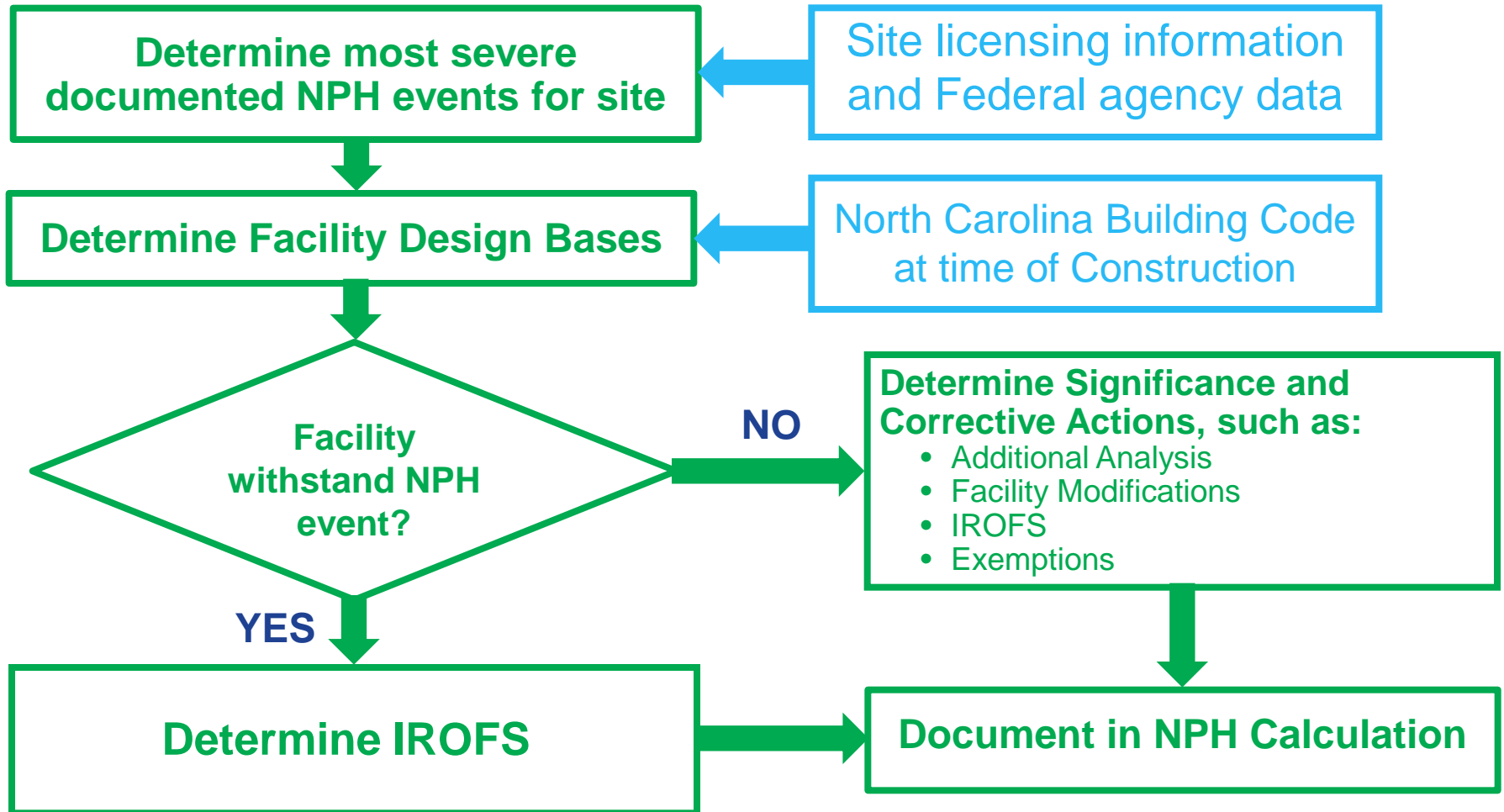
# Natural Phenomena Hazards

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# Natural Phenomena Hazards



# Natural Phenomena Summary

- **Improving documentation, detail and conclusions of NPH evaluation**
- **Working closely with the industry to develop industry response to post-Fukushima inspection results**

# Sole IROFS Reduction Effort

**GNF-A objective is to minimize sole IROFS**

**Efforts underway:**

- **Established team (Ops, EHS, ISA)**
- **Identified and prioritized initial actions**

# **Project Improvements & Benefits**

**Comprehensive facility fire analysis**

**Training program improvements**

**IROFS boundary definitions**

**ISA documentation**

**Improved safety basis awareness**

# Summary

- **On track for overall Project completion**
- **Modifying approach to fire analysis**
- **Addressing natural phenomena**
- **Continued NRC dialogue is valuable**