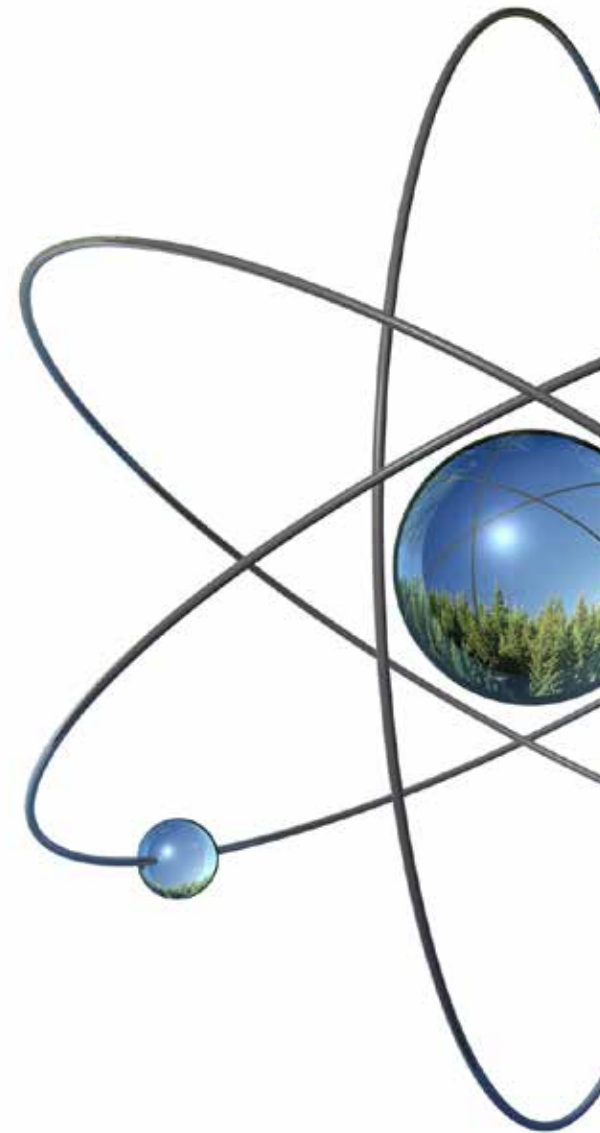


Presentation to the U.S. Nuclear Regulatory Commission

Global Nuclear Fuel ISA Project Review

August 22, 2012



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	Complete
Implementation	Complete
Verification	Complete

Fabrication ISA Review	Complete
Implementation	Complete
Verification	Sep 2012

Balance of Plant ISA Review	Dec 2012
Implementation	Mar 2013
Verification	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

Fire Sequence Approach

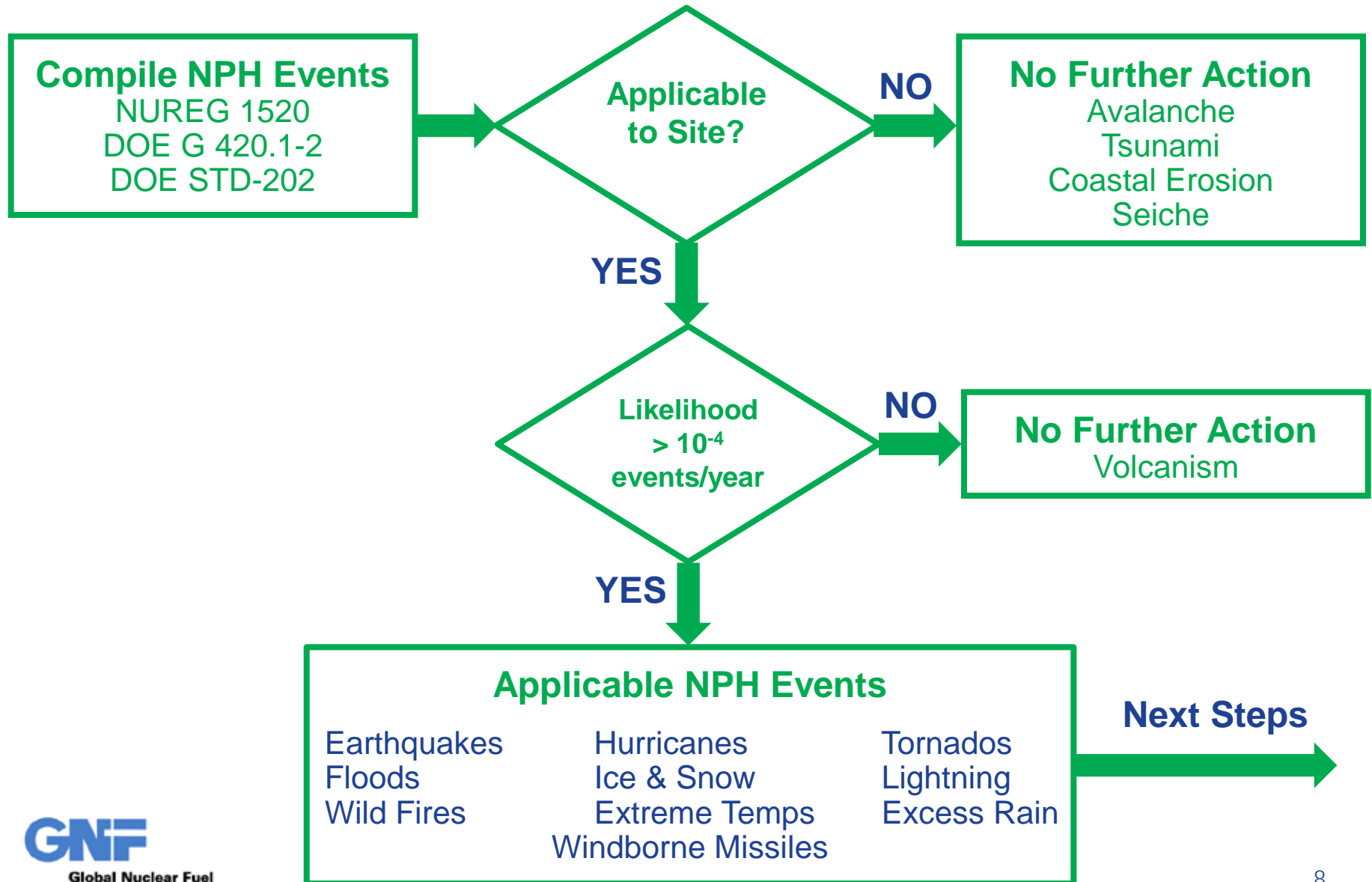
Open Unresolved Item (URI 2012-002-01) on inconsistent fire sequence methodology

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

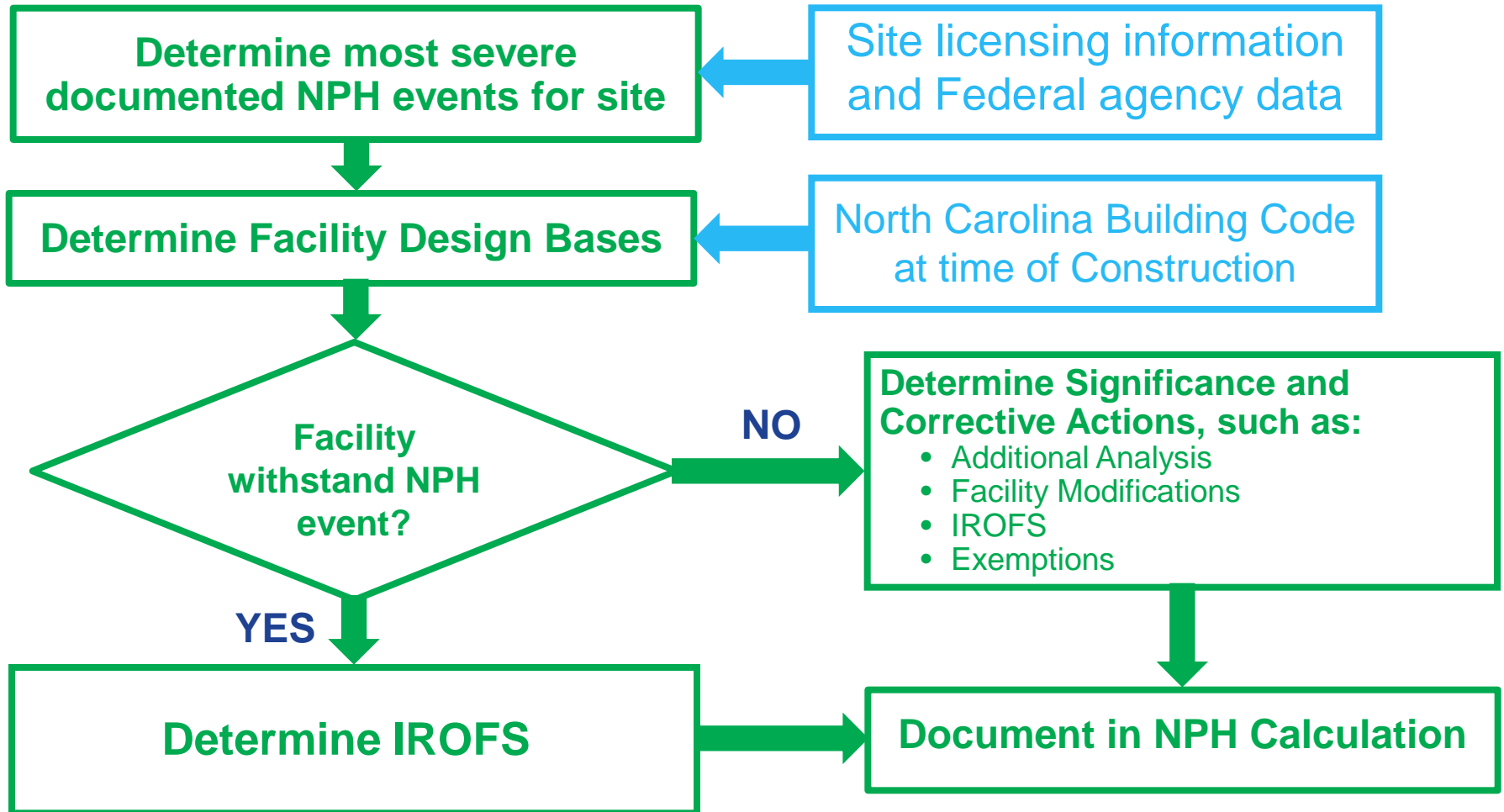
GNF-A will review the methodology with NRC to address the URI

Natural Phenomena Hazards

Natural Phenomena Hazards



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**