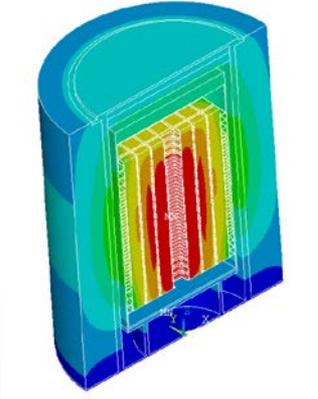# DSFM REG CON 2015

Collecting and Assessing Aging Management Information

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- **Background**
- **Guiding Principles for Database**
- **Criteria for Screening of Operating Experience**
- **Database Functional Requirements**
- **Organizational Responsibilities Relative to Database**
- **Schedule for Database Rollout**
- **Concluding Remarks**

Background

- **Stable and predictable regulatory framework (NEI 14-03)**

- **Fundamental Element—Sharing Aging Management Information**

- **ISFSI Aging Management INPO Database (ISFSI AMID)**

- **Not to Replace Existing CAPs**
- **Information Available to all ISFSI Licensees and CoC Holders**
- **Use of Screening Criteria**
- **CoC Holder Approval**
- **Entry of _Positive_ as well as Negative Information**

<u>First Series of Questions (from NEI 14-03):</u>

- **Is the cause of the condition due to aging-related degradation (such as loss of material or cracking)?**

- **Is the component or structure passive?**

- **Is the component or structure long lived (i.e., it is not subject to replacement based on a qualified life or a specific time period)?**

- **If answers to all three are "yes"……**

- ***Additional set of questions—Have we identified…..:***
- …a new and unexpected aging effect?
- …a new or unexpected *trend* in aging effects?
- …unexpected inspection results (either positive or negative) through AMP implementation?
- …aging mechanisms and effects through the use of new or improved test or inspection methods or equipment?
- …deficiencies that are indicative of aging management program ineffectiveness?

ISFSI AMID

- **Accessible via internet 24/7 with user name and password**
- **Database fields:**
  - ➤ Dates for initial and updated entries
  - ➤ Source of data
  - ➤ Originator
  - ➤ Location

- **Database fields (cont'd):**
  - ➤ ISFSI Environment (Ultimate Heat Sink)
  - ➤ Ambient temperature/Relative humidity/Heat Load
  - ➤ System Information
  - ➤ Code applicability/inspection instrumentation/NDE techniques
  - ➤ Document or Photo upload
  - ➤ Button for vendor approval

ISFSI AMID Functional Requirements

- **Field modification**

- **Full-text search across fields**

- **Export capability to EXCEL**

- **Print capability from any of the views**

- **Adding records/Auto email notification**

- **Control of database**

- **Number of records/attachments unlimited**

ISFSI AMID Organizational Responsibilities

- **INPO**
  - Contracts
  - Orientation Guides
  - Quarterly reports
- **Cask Vendors**
  - Populating database
  - Log-in information
  - Data approval
- **Licensees**
  - Populating database
  - Use as resource for tollgate assessments

ISFSI AMID Schedule

- **Contract Execution**
- **Database Development within two weeks of contract execution**
- **Database Testing and Modification**
- **Database Rollout – Targeting End of CY2015**
- **Orientation Guides/Training Sessions**

Concluding Remarks

- **Cornerstone of operations-based aging management program: Collection and assessment of aging management information**

- **Information Sharing Tool is being put in place**

- **Licensees are to populate and use for their tollgate assessments**

- **Cask vendors will have the contractual relationship with INPO and approval authority of data entry**

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Questions?