

**From:** [Kuntz, Robert](#)  
**To:** [Miller, Ed](#)  
**Subject:** Electronic reading room presentation  
**Date:** Wednesday, February 05, 2014 3:40:00 PM  
**Attachments:** [Electronic Reading Rooms\\_01142014\\_r2.pptx](#)

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Ed,

Attached is a presentation that was given by the NRC staff at the January 14, 2014 public meeting. The staff presented this information for licensees developing their electronic reading rooms to consider.

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# **NTTF R2.1 Electronic Reading Rooms: Problems and Potential Solutions**

Brad Harvey

Office of New Reactors

NTTF Rec 2.1 Flooding Public Meeting

Tuesday, January 14, 2014



# ERR Purpose

## **Skeen 08/01/13 Letter to Licensees and CP Holders ([ML13206A427](#))**

- Serves as a “virtual” audit
  - Provides read-only access to licensee’s calculation packages and other non-docketed materials
  - NRC staff will identify documents necessary to support NRC staff evaluations
  - Licensees will be requested to submit these documents on the NRC docket via normal RAI process
- Conditions for use
  - Password-protected
  - Passwords assigned on a need-to-know basis
  - Staff is prevented from printing, saving, or downloading documents



# Problem Areas

- Missing overarching document describing file structure
- A document name may not indicate the content of the document
- A document cannot be opened (permissions, binary files, Excel files, etc)
- A document cannot be completely opened and/or may take a long time (hours) to open
- Navigation within a document may be difficult
- A document may not be legible beyond a certain page
- A document may have missing pages
- Figures in a document may not be legible
- Licensee switches ERR vendors



# Potential Solutions

- Provide an index which presents a description of the documents contained in the reading room
  - Participate in a GoToMeeting describing the ERR contents
- Review ERR access approval levels
- Convert Excel files to pdf files of Excel file output
  - Check column widths and row heights
- Review security settings of pdf files
- Provide searchable/OCR pdf files
- Subdivide larger documents into smaller documents
  - e.g., calculation package text, followed by appendixes
- Place the ERR contents on a CD-ROM/docket
- NRC staff intends to open ERR documents early in the FHRR review process in order to promptly identify issues

