

# Discussion of ANP-3011

Progress Energy  
Harris Nuclear Plant



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# Agenda

- Introduction of Personnel
- Background
- Discussion of NRC observations on ANP-3011
- Summary

# Participants

- Progress Energy
  - John Caves – Licensing
  - Dean Tibbitts – Nuclear Engineering
  - Bruce Morgen – Nuclear Engineering
- AREVA
  - Graydon Uyeda
  - Rod Kliwer
  - Bob Baxter (telephone)
  - Burt Dunn
  - Ken Carlson
  - CK Nithianadan

# Background

- Basis for Submittal
  - M5 clad – enhanced corrosion resistance
  - Migration from legacy methodologies
  - Needed for fuel currently being manufactured
  - April Refueling outage
  - Desire migration to generic approved topical when feasible
- Meeting objectives
  - Discuss preliminary reviewer questions
  - Develop strategy to facilitate review

# Timeline

Initial EMF-2103 LAR (Supported planned transition to M5 in 2012)	March 2010
Application withdrawn	March 2011
Presubmittal meeting with Reviewers	July 2011
Application resubmitted with reanalysis	August 2011
Requested approval Date	March 2012
Refueling Outage	April 2012

# NRC Discussion Points



# Open Questions

- Any open questions from previous submittal RAIs?
- Is any info from generic methodology docket useful on this LAR?
- Is another meeting/audit useful to reviewers?
- Schedule for formal RAIs
- Recently identified error in calculation

# Summary

- Progress and AREVA committed to supporting review schedule
- LAR approval required to supports use of M5 in HNP Cycle 18 – April 2012 Refueling Outage
- Reload fuel fabrication in process
- No Regulatory Commitments from today's meeting