



**GSI-191**  
**In-Vessel Deterministic Program Schedule Alignment**

NRC Meeting, August 22, 2012

# Program Schedule

## Overview

Alignment between proposed resolution schedule for in-vessel deterministic approach (SECY 12-0093) and revised industry program is required to support GSI-191 close-out for all utilities



# Program Schedule

## Background

- Industry letter to NRC regarding closure schedule
  - Schedule established based on original PWROG approach (WCAP 16793)
- Schedule is plant specific based on outage schedule and cycle length
- ACRS THSC meeting highlighted need for new technical approach for in-vessel deterministic program
- Revised industry program places some plants outside of the closure window



# Program Schedule

## Status

- Presently collecting year-end submittal information
- Expect some medium and high fiber plants to support in-vessel deterministic approach
  - Requires 2 RFOs following completion of the PWROG program
- Expect some low fiber plants to commit to Option 1 with option to pursue additional margin from Option '2A' if by-pass test results are not accepted by the NRC
- Disadvantageous for utilities to commit to generic programs if there is schedule uncertainty



# Program Schedule

## Status

- Industry schedule push due to resource limitations given post-Fukushima support
- Plan for off-ramps to facilitate earlier closure



# Program Schedule

## Status

- Expect a number of plants to submit request for additional time
  - Schedule request based on time to complete industry program and required NRC review/approval, and necessary time to implement changes
    - Applicable to plants that may need to modify / remove insulation
  - Some medium fiber plants may require additional time (spring or fall 2013 outages with 18 month cycles)
    - Estimated 8 – 10 total plants



# Program Schedule

## Status

- Some low fiber plants may submit for additional time if Option 2A is selected
  - Bypass test results
  - Possible 9 plants
- Schedule impact on high fiber plants TBD

## Recommendation

Flexible plant specific schedule provides margin for utilities to participate in generic industry programs. This is a function of test results and potential plant vulnerabilities.



# Program Schedule

