



**PROGRESS UPDATE ON SRM TO
SECY-10-0140, “OPTIONS FOR REVISING THE
CONSTRUCTION REACTOR OVERSIGHT
PROCESS ASSESSMENT PROGRAM”**

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Meeting Purpose

Provide a progress update of the staff's activities in response to the SRM on SECY-10-0140



Background

- **Commission SRM SECY-10-0140 directed the staff to develop a construction assessment program that includes:**
 - **Regulatory Framework**
 - **Construction Significance Determination Process (SDP), and**
 - **Construction Action Matrix**
 - **Pilot new program for 1 year**
- **The SRM directed the staff to keep the Commission informed of its progress on the pilot plans and execution via routine Commission Assistants briefings**
- **The SRM directed the staff to ensure that the new reactor cROP is also applicable to construction oversight of plants that are under the 10 CFR Part 50 process, including applicability to potential small modular reactor activities.**



Background

- **The SRM directed the staff to appropriately characterize and publicly communicate the potential risk significance of a construction finding**
 - **Factor into the SDP whether a licensee's inspections, plant tests, or other means such as the ITAAC process would have revealed and allowed for correction of the deficiency before any actual risk could have been incurred (i.e., during operations with irradiated fuel).**
- **The SRM directed the staff to assess risk using risk importance measures with selected thresholds that are comparable and technically consistent with risk threshold levels used in the ROP**



Status

- **Conducted numerous public workshops to develop cROP assessment program revisions**
- **Construction regulatory framework, SDP and construction action matrix are complete**
- **The staff has submitted a request for an extension to SRM action item due dates**
 - **Pilot delayed until January 2012 due to lack of significant construction activities**
 - **Action item due dates need to be extended to coincide with completion of pilot**



Pilot Plans

- **Issue pilot guidance document including evaluation and acceptance criteria**
- **Issue pilot versions of IMCs**
 - **IMC 0613P**
 - **IMC 2505P**
 - **IMC 2519P (Construction SDP)**
- **Train staff in October and November**
- **Implement pilot at Vogtle on January 1, 2012**
- **Implement pilot at Summer when significant construction activities begin**



Next Steps

Commissioner's Technical Assistants Briefing	Complete by Sept. 21, 2011; Scheduled for September 18
Train inspection staff	Complete by November 10, 2011
Begin pilot of new process	January 1, 2012
Brief ACRS on pilot plans including SDP	Scheduled for March 6, 2012
Brief ACRS on pilot results	February 2013
Provide Information Paper to Commission with pilot results and recommended program changes	April 2013