



NDE Implementation Focus Group NRC Update

Mark Huting
NDE Integration Committee and NIFG Chairman
NRC Update Meeting
July 2012

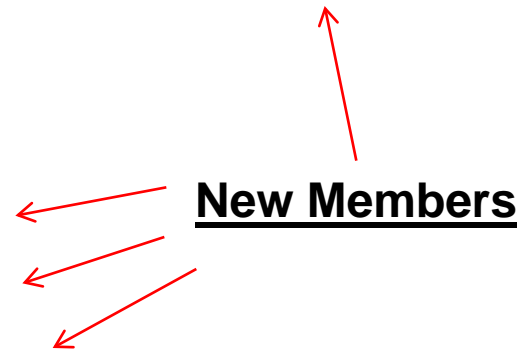
Outline

- Overall status
- Specific Action status
- Summary
- Q&A

Overall status: NIFG membership

- NDE APC
 - Donahue (Chairman), Mays, H. Smith, Oliveri, Huting, **Hall**
- NDE Integration Committee
 - Hacker (Vice-Chairman)
 - Nowakowski (Chairman, MRP Inspection TAC)
- PDI
 - Anthony (Chairman)
- Materials APC
 - **Wirtz** (Chairman, BWRVIP IC)
 - **Gerzen (Materials APC)**
- INPO
 - **Larsen** (NDE Level III)
- ASME
 - Turnbow (Chairman, ASME Committee on Certification of NDE Personnel and Quality Control Technicians)

New Members



Overall status: Meetings held and planned

- May 7-8
 - NIFG kickoff and brainstorm
 - Developed table of 30+ actions
- May 30
 - NRC public meeting
- June 22
 - NIFG working meeting
 - Consolidated and eliminated a few actions
- July 20
 - NRC public meeting in DC to discuss status (part of IP program report out)
- Week of 8-20
 - NIFG workshop
- September 11(all day)
 - NRC public meeting to discuss progress; still in planning stages
 - Detailed discussion of changes made and plans by each action owner

Actions status overview

- 29 actions active
 - Initial brainstorm May 7-8 defined 31 actions
 - Some were eliminated/consolidated from this scope (not directly related to the issue)
 - Examples: Health Physics interface actions, xLPR
 - 2 actions completed
 - Extent of Condition survey prepared and sent out to stations
 - NDE Alert letter prepared and sent
 - 2 actions have been added
 - Enhance INPO Interface with NDE
 - Improve Search Unit Quality
 - 21 actions are in progress at various stages of completion
 - 6 actions have not started or are dependent on completion of other actions

Actions status

- Production
 - None are late; due dates July 31 2012 through mid-2013
 - Timely completion will require high activity from utility members of NIFG
 - Momentum at present looks OK
- Delivery
 - Many will be delivered via revision to 1018181, DM UT guideline
 - Won't be ready for Fall 2012 outages
 - Schedule:
 - Early Sept 2012: Recommendations via letter to industry to support fall outages
 - Dec 2012: 1018181 Rev 1 draft for review
 - June 2013: 1018181 Rev 1 final

Actions status: Working meeting

- Working meeting scheduled week of August 20
 - Objective is to complete many of the actions
 - Some may be completed ahead of schedule
 - Following week is NPC Week; will report accomplishments to NDE APC and to Materials APC

NIFG Actions Status

- Note: Some of these are a roll up of more than 1 action
- Review industry use of team scanning:
 - Revising PDI policy on use of team scanning
 - 40% complete (Rough draft in review)
 - Due **Sept 2012**
 - Other team scanning actions to follow regarding on site demonstration and technologies to support team scanning
- Review environment and its effects on qualification and field exams
 - 5% complete
 - Due **Dec 2012**
- Strengthen industry Site Specific Mockup Process
 - 35% complete
 - Due **Sept 30 2012**

NIFG Actions Status

- Review current pre-requisites for candidates of Appendix VIII qualification
 - 5% complete
 - Plan due **Nov 2012**
- Decision Making Tool for Use of Encoded vs. Non-Encoded DM manual UT
 - 15% complete
 - Draft due **Dec 2012**; Final product due **June 2013**
- Scanning Time Considerations (qualification vs. field)
 - 5% complete
 - Draft due **Oct 2012**; Final product due **June 2013**

NIFG Actions Status

- Strengthen Exam Documentation Practices
 - Drafting industry post-job interview guidance
 - Establishing manual UT documentation guidelines
 - 10% complete
 - Draft due Oct 2012; Final product due June 2013
- Strengthen Industry UT Pre-Job Briefing Practices
 - 20% complete
 - Draft Due Dec 2012; Final product due June 2013
- Develop Industry Process to Ensure Search Unit Quality
 - 5% complete
 - Plan Due Dec 2012; Product desired by Summer 2013

NIFG Actions Status

- Develop Implementation Checklist for Industry DM Guideline
 - 35% complete
 - Draft due **Oct 2012**; Final **June 2013**
- Develop Utility Oversight Guide for DM Examinations
 - 50% complete on draft document
 - Draft due **Oct 2012**; Final product due **June 2013**
- Improve Dissemination of NDE Operating Experience
 - 25% complete
 - Complete plan due **Nov 2012**
- Strengthen 6-month hands-on practice requirements
 - 20% complete on draft guideline document
 - Draft due **Dec 2012**

NIFG Actions Status

- Determine industry EOC related to North Anna Event
 - 40% complete
 - Survey development and issuance **complete**; Responses Due **July 20, 2012** (> 50% have been completed as of 7-18);
 - Evaluation of Responses Due **Sept 2012**
- Increase INPO NDE involvement with on site review
 - Added INPO member to NIFG
 - Meeting with INPO - Aug 2012
 - Due date **Dec 2012**

NIFG Actions Status – longer term items

- Develop Industry Required Actions from EOC
 - Not started; requires collection of surveys and results analysis
 - Due date Mar 2013
- Accelerate Virtual UT Technologies to Augment Hands-on Practice
 - Not started – longer term project will be proposed in NDE IC budget
 - Due date for draft plan Dec 2012
- Develop DM UT Training Program
 - Not started – longer term project will be proposed in NDE IC budget
 - Due date for draft plan Dec 2012

Summary

- Industry is following through with its commitment to take a broad look at the North Anna and other OE
 - Working to understand its full impact and determine the appropriate fleet corrective and enhancement actions
- Many parallel actions
 - Several should be technically completed during August working session
 - Many key actions will be completed and implemented to meet the executive commitment of months rather than years
 - Some longer term improvement items will also be pursued to completion
- Delivery of improvements
 - Many key improvements will be in Revision to EPRI guideline 1018181
 - Interim guidance will be delivered by letter in September 2012
 - Draft completed in Dec 2012; Final should be issued June 2013
 - Other deliverables will be in the form of enhanced training programs, better inspection tools, and improved fleet communication of OE

Questions?