

# Public Meeting with Nuclear Energy Institute and Industry Representatives

DATED March 24, 2010



# Nuclear Safety Culture Assessment Pilot: NRC Observations

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and Industry Representatives

February 24, 2010

# Purposes of Meeting

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- To present NRC observations to-date on the NSCA survey and interview process
- To present NRC observations on meetings of safety culture monitoring panels and senior leadership teams at pilot plants
- To afford the industry an opportunity to present its own observations and lessons learned regarding the pilot NSCA process

# Background

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- NEI 09-07
- NSCA manual
  - Electronic survey
  - One week onsite visit for interviews and observations
  - Pilot test and incorporate lessons learned
  - Expect to provide to NRC for endorsement of methodology for use in third-party nuclear safety culture assessments
- NRC headquarters and regions observing the conduct of NSCA pilot and the Monitoring Panel and Senior Leadership meetings

# Nuclear Safety Culture Assessment: Interview Observations

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- Sampling
  - Use of survey to focus the interviews
  - Shifts and organizational units
  - Declined interviews
  - Assessment team role
- Conduct of interviews
  - Interviewer training
  - Selection of interview questions
  - Reading level
  - Focus groups

# Nuclear Safety Culture Assessment: Interview Observations

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- Scoring consistency
- Quality assurance
- Rollup process
- Anonymity

# Nuclear Safety Culture Assessment: Survey Observations

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- Design & Psychometric Testing
  - Reliability
  - Validity
  - Results of consultant evaluation

# Nuclear Safety Culture Assessment: Survey Observations

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- Administration
  - Selection of survey instrument
  - Target population
  - Distribution of survey instrument
  - Allocation of time & resources

# Nuclear Safety Culture Assessment: Survey Observations

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- Data Quality
  - Survey non-response effects
  - Item non-response effects
- Data Use
  - Benchmarking capability

# Safety Culture Monitoring Panel: Meeting Observations

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- Agenda
- Meeting frequency
- Attendance at the meeting
- Meeting discussions
- Binning consensus

# Safety Culture Monitoring Panel: Meeting Observations

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- Meeting preparation
- Consistency with NSCA Process
- Document availability
- Cross cutting
- Meeting inputs
- Meeting outcomes

# Senior Leadership Team: Meeting Observations

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- Meeting preparation
- Consistency with NSCA Process
- Resource commitment
- Continued observations