

# The Use of Accreditation in Commercial Grade Dedication of Laboratory Services

NRC Vendor Workshop

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# Overview

- Industry guidance
  - NEI 14-05
  - Submitted to NRC on April 29, 2014
- Purpose
  - Reduce duplication of surveys
  - Expand NRC acceptance of ILAC process
    - Calibration and testing services
    - Domestic and international laboratories

# Industry Assessment of ILAC Process

- Evaluation of ILAC standards and procedures
- Observation of peer evaluations and assessments
  - Japan Accreditation Board in November 2013
  - American Association for Laboratory Accreditation in March 2014
- Evaluation of training
- Observation of Mutual Recognition Arrangement meeting

# Industry Assessment of ILAC Process - Conclusions

- ILAC process is equivalent to survey
- Five differences between ILAC and NUPIC
  - Three are addressed by procurement requirements
    - As-found calibration data
    - Identifying the standards used
    - Notification of conditions adverse to quality
  - Two determined to be acceptable as-is
    - Compliance with procurement requirements
    - Counterfeit and fraudulent items

# Purchaser's QA Program

- Address approach to use accreditation
  - Control of Purchased Material, Equipment, and Services
  - Control of Measuring and Test Equipment
  - Corrective Action
- Guidance contains a template for QA program

# Procurement Requirements

- Service provided according to ISO/IEC-17025 program and scope of accreditation
- Include as-found calibration data when found to be out of tolerance (*for calibration services only*)
- Identify the standards and equipment used to perform the calibration (*for calibration services only*)
- Notification of any condition that adversely impacts the laboratory's scope of accreditation
- Any other technical and quality requirements related to the scope of supply

# Commercial Grade Dedication

- Verify the laboratory is accredited to ISO/IEC-17025 by an ILAC signatory
- Verify the procured services are included in the scope of accreditation
  - For calibration services: measurement parameters, ranges, and uncertainties
  - For testing services: test methodology and tolerances/uncertainty
- Identify additional requirements for the scope of supply
- Verify that lab has certified the service was performed per the ISO/IEC-17025 program and scope of accreditation, and compliance with procurement requirements

# Industry Oversight

- NEI Team, including NUPIC members
- ILAC standards and procedures
  - Monitor potential changes
  - Notify ILAC if potential changes may impact nuclear industry use of accreditation
  - Notify NRC of ILAC changes impacting guidance
- ILAC implementation of process
  - Observation of peer evaluations, including assessments, every 3 years
  - Led by NUPIC member



# Path Forward

- Respond to NRC questions and feedback
- Notify industry when NRC endorses guidance
  - Estimated: 3Q2014