

MDEP Vendor Inspection Cooperation Working Group

Richard Rasmussen
Chief, Electrical Vendor Branch
Office of New Reactors
U.S. NRC

Working Group Overview

- Protocol Document
- Types of Engagement
- Logistical Issues
- VICWG Activities
- Joint Inspection Results
- Next Steps

MDEP Protocol

VICWG-01

Purpose and Scope

- The purpose of this protocol is to provide guidance to regulators that wish to carry out vendor inspections or participate in or witness other regulators' vendor inspections. It also provides guidance for the sponsoring regulator with regard to its interactions with inspecting, witnessing or participating regulators.

Current Inspection Types

- **Witnessed inspection** – an activity in which a regulator conducts an inspection according to its own regulatory framework and one or more regulators witnesses it.
- **Parallel Inspections** – inspections that are carried out at the same time on the same vendor by two or more regulators in accordance with their own inspection framework and procedures.
- **Joint inspection** – an activity in which one regulator conducts an inspection according to its own regulatory framework with the participation of one or more other regulators' inspectors.

Key Logistical Issues

- Inspection table maintained on the MDEP website
- Sponsoring Regulator determines language
- May require training or familiarization
- Records governed by Sponsoring Regulator
- Witnessing regulators provide feedback to MDEP library

VICWG Activities

- 2011

- 7 witnessed inspections and 1 joint inspection were conducted
- Observing countries gained additional information and added confidence in the inspection results
- MDEP regulators are sharing inspection practices

- 2012

- To date, 7 witnessed inspections and 1 joint inspection completed
- Multinational Inspections
 - Definition currently under development
 - Intent is to develop a multinational inspection team working to common requirements



Joint Inspection Experience

- KINS Lead – Doosan Heavy Industries 2011
- NRC Lead – Target Rock 2012
- Inspections leveraged resources for participating regulators

NRC Use of Foreign Inspection Findings

- NRC Led Joint Inspections
 - fully within NRC inspection process
 - cited violations, vendor branches monitor resolution and determine needs for follow-up inspection
- Foreign Led Joint Inspections
 - lead regulator issues report and tracks resolution of issues
 - NRC will monitor issue resolution process and recommend further inspections as necessary



Multinational Inspections

- Assessment of Member Country Regulations
- Discussions with Standards Development Organizations (SDO's)
- Goal is harmonization of standards

Questions?



- https://www.mdep.oecd-neo.org/mdep/workspaces/iswg/vicwg/products_of_the_vicw/vendor_inspection_pr