

# Multinational Design Evaluation Programme

**Vendor Inspection Cooperation  
Working Group Activities**  
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# Goal of VICWG

## Near Term:

- Improve the effectiveness and efficiency of vendor inspections by using other regulator(s) work:
  - Identify areas of commonality and differences between vendor inspection practices of member countries and quality assurance standards.
  - Share information (programmes, findings, results of inspections).
  - Observe each others' inspections.
  - Conduct joint inspections.

# Goal of VICWG

## Long Term:

- Multinational vendor inspections:
  - Develop and implement the common processes needed to adapt the scope of vendor inspections to take into account the needs of other member countries.
  - Develop a framework that takes into account other regulators' vendor inspections.
  - Organise and co-ordinate multinational vendor inspections.

# VICWG Definitions

- **Witnessed inspection** : an inspection in which one regulator conducts an inspection according to its own regulatory framework and one or more regulators witnesses it.
- **Joint inspection** : an inspection in which one regulator conducts an inspection according to its own regulatory framework with the active participation of one or more other regulators' inspectors.
- **Multinational inspection** : an inspection conducted by a team of inspectors according to common requirements

# VICWG Activities

- Meetings were held biennially since kick-off in 2008
  - 7<sup>th</sup> meeting was held in May 11-13, 2011
  - 8<sup>th</sup> meeting will be held in December 7-9, 2011
- VICWG intermediate objectives (as documented in the Programme Plan)
  - Organize witnessed inspections
  - Identify common QA requirements that could be acceptable to the MDEP regulators
  - Improve the process for sharing inspection results
  - Develop plan for and conduct joint inspections

# Organize Witnessed Inspections

- Inspection cooperation up to 2011
  - Conducted over 30 VICWG inspections (witnessed and joint) since 2008
    - One joint inspection to address an emerging issue and support licensing decision for OL3 (conducted in 2010)
    - Major vendors activities (design, fabrication and quality assurance) were inspected
    - Vendor inspections have extended to Digital I&C vendors
  - 5 more inspections scheduled through the end of 2011
    - One of these is a joint inspection of Doosan in October 2011

# Organize Witnessed Inspections

- MDEP/VICWG Protocol for organizing witnessed (and joint) inspections is prepared and used
  - Shared VICWG Inspection Protocol with WENRA and vendors, and it is available on the MDEP public website
  - Shared with other MDEP WGs for their use – for example for audit/inspection of DI&C vendors by EPRWG (STUK and NRC)
- Much experience has been gained through the MDEP VICWG witnessed/joint inspections conducted since 2008

# Identify Common QA requirements

- QA requirements comparison table analysed and revisited to update
  - Comparison between 10 MDEP regulators QA requirements
  - Further supplementing this table by comparing with ISO 9001+ and GS-R-3
    - Identified the basic commonalities for use by MDEP VICWG members for further cooperation
    - No intent to create a new standard as that is not feasible
    - Identified common QA requirements for use in multinational vendor inspections – discussion with CSWG is necessary



# Improve Process for Sharing Inspection Results

- Witnessed/joint inspection results placed in MDEP Library when forwarded to NEA
- VICWG members agreed on a procedure to share inspection results (not only witnessed inspections but all inspections that may be of interest to VICWG members)
- Template for an inspection report summary was prepared

# Develop Plan for and Conduct Joint Inspections

- The protocol for conducting joint inspections has been finalized and implementation is explored
- ASN and STUK carried out a joint inspection in March 2010 (ONR and NRC witnessed)
- Joint inspection planned for 2011
  - KINS inspection of Doosan (October) with active participation of NRC inspectors. NISA and JNES to witness the inspection.

# VICWG Summary

- Much positive experience gained through witnessing inspection
- Identified common QA requirements (Draft MDEP Core QA Requirements)
- VICWG products are available and being updated
- Continued active participation by all MDEP countries is necessary to reach the goal of conducting multinational inspections

# VICWG

- Questions/Comments