

Convention on Nuclear Safety

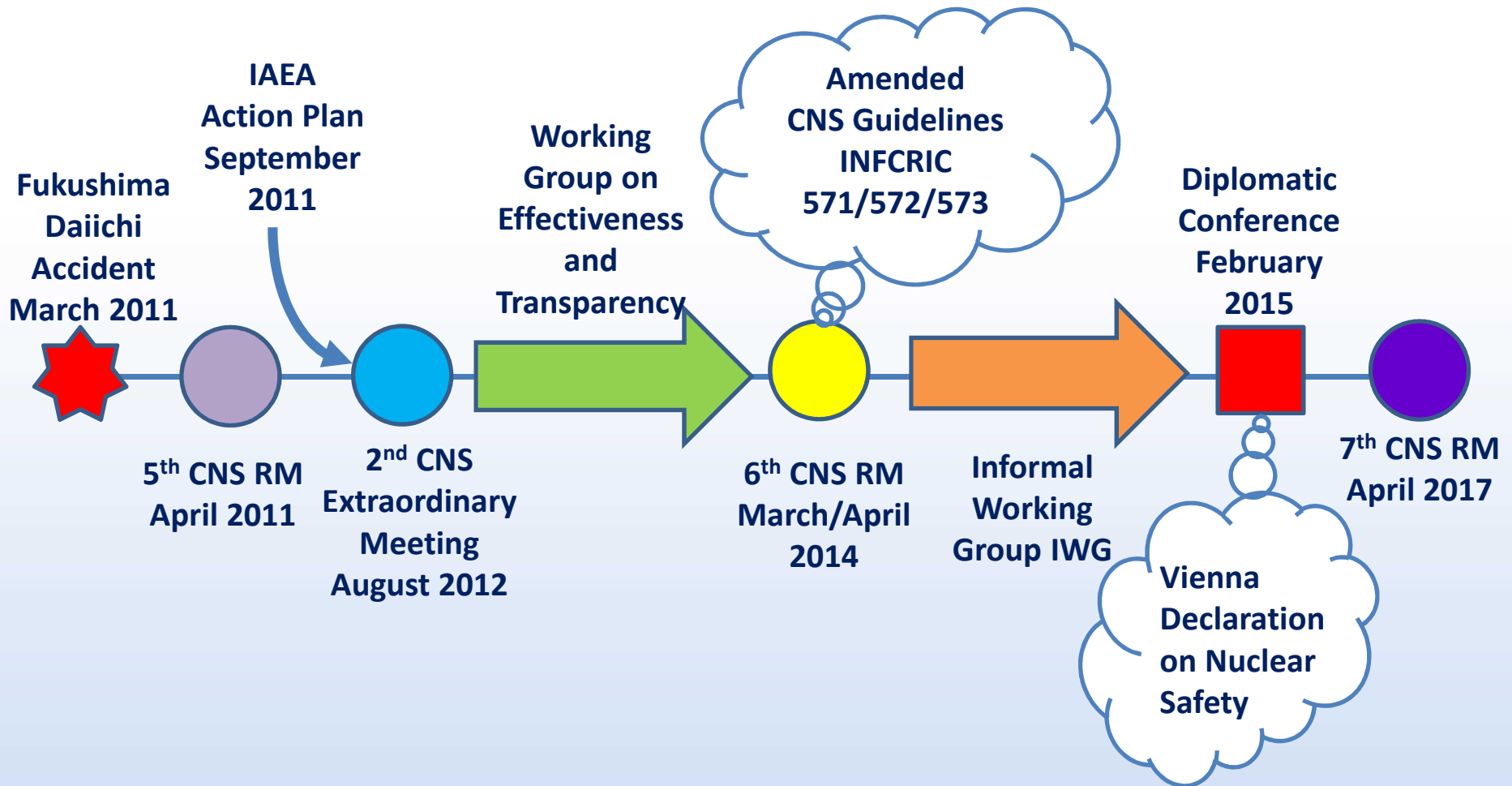
Improvement of the CNS review process

Workshop on Nuclear Safety,
4 July 2016, Vienna

Philip Webster, CNSC, Advisor to the President of the
7th Review Meeting of the Convention on Nuclear Safety



Meetings since Fukushima accident



WG on Effectiveness and Transparency

- Extraordinary Meeting in 2012 formed a Working Group on Effectiveness and Transparency
 - Met four times in 2013
 - Proposed revisions to INFCIRCs and actions by other parties (mostly IAEA)
- 6th RM in 2014 adopted proposals of the WG
 - Clearer guidance for more consistent National Reports (INFCIRC 572);
 - Strengthening the review process (INFCIRC 571);
 - More transparent towards the public.



Strengthening 6th Review Meeting

- Expectations of President Lacoste:
 - wide-ranging, animated, high-quality discussions, with real commitment by all Contracting Parties, so that it is a true peer review, where all learn from the others;
 - improve the mechanisms of the Convention and strengthen its effectiveness;
 - adopt a common position on the lessons to be learned from the Fukushima Daiichi accident, with a clear statement at the end of the Review Meeting.



Outcomes of the 6th Review Meeting

- Contracting Parties reconfirmed that:
 - NPPs should be designed, constructed and operated with the objectives of preventing accidents and, should an accident occur, mitigating its effects and avoiding off-site contamination.
 - Regulatory authorities should ensure that these objectives are applied in order to identify and implement appropriate safety improvements at existing plants.
- President Lacoste wrote to all CPs 1st Sept
 - Reminding them of obligations, proposed Charter



6th RM: Actions by other bodies

- Template for National Reports
 - Articles 17, 18 as pilot
- Publish National Reports on CNS website
 - Encouraged voluntarily prior to RM
 - Also questions, answers and comments
 - Will be done within 90 days of RM unless prevented
- Parts of RM open to Press; consider webstreaming.
- IAEA Safety Standards to be reviewed



6th RM: Review of IAEA Safety Standards

- Secretariat and NUSC reviewed Safety Requirements
 - Five to be revised
 - Clarify requirements post-Fukushima
- Approved by CSS, Board of Governors
 - GSR Part 1, GSR Part 4, NS-R-3, SSR-2/1, SSR-2/2
 - Published March 2015
- Re-revised following Vienna Declaration on Nuclear Safety
 - No need for further revisions



6th RM: Guidance on National Reports

Revisions to INFCIRC 572 include:

- Demonstrate self-assessment done vs obligations
- Identify Challenges faced
- Planned Peer Review Missions (eg IRRS, OSART) follow-ups, making reports public
- EP&R at multi-reactor or multi-facility sites
- Measures to maintain containment integrity
- Periodic safety assessments; re-evaluate hazards



6th RM: Improvements to review process

6th RM adopted revisions to INFCIRC 571:

- Improved training for the Officers
- Peer review of National Reports now includes:
 - Comments on quality, implementing obligations
 - Progress on Challenges from prior Review Meetings
- Introduction of the Country Review Report
 - Replaces the Rapporteur's Working Document
 - Structures discussions in peer review sessions



Participation in 7th Review Meeting

- President Jammal seeks full engagement and attendance.
 - Letters February 11 and April 6 reminding all CPs of their obligations
 - Letter April 28 to thirteen CPs having poor history
 - *Offered assistance to prepare National Reports*
- Requests signatories which have not ratified to do so.
- Approaching newcomer NPP countries to sign.



Conclusions

The 6th RM introduced major changes to the Peer Review Process for the 7th RM:

- Template for the Country Review Report:
 - Formalizes the Rapporteurs' process
- Contracting Parties to comment on quality of National Reports
 - Coordinator to summarize
 - Peer Review sessions to discuss
 - Rapporteur to report to Plenary

