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Newly Developed Method Requirements

November 2020 ACRS meeting



RG 1.200 Rev 3

- Clarifies long standing issues related to advancing new methods
- Provides cost effective process for regulatory acceptance of new PRA methods
- Retains closure of Peer Review findings as a Licensee decision
 - **Open findings don't impact risk informed decisions as they need to be considered/dispositioned**



PWROG-19027

- Develop process/requirements that allows the technical adequacy of a newly developed method to be accepted through the PRA Peer Review Process.
- Definitions, requirements and peer review process developed during multiple dedicated workshops (PWROG, BWROG, NEI, JCNRM, NRC)
- Three peer review pilots informed the final draft wording (requirements, report content, etc.)



PWROG-19027 Revision 2

- Content from PWROG Revision 0 submitted to JCNRM for inclusion in the upcoming 2021 Edition of the PRA Standard (to be added in Part 1)
 - **Expected publications in mid 2021**
- Few comments received for further harmonization of the NM requirements in the overall structure of the PRA Standard
- Effort to maintain Newly Developed Methods requirements consistent with the evolution of the PRA Standard, this will minimize the effort in R.G. 1.200 Revision 4
 - **PWROG-19027 Revision 2 incorporates final refinements in NM SRs from interaction with JCNRM**



PWROG-19027 Revision 2

- The relationship between NDM and existing methods is clarified, based on early feedback from the NRC that the use of an existing method in a different context was essentially redundant with the finalized definitions.
- The wording of the NM HLR and SRs have been enhanced (e.g., use of consistent action verbs, consistent and enhanced wording) following feedback from the ANS/ASME JCNRM during the review ballot for the upcoming Part 1 of the Standard. There is no change in the intent and scope.
- The structure of the NDM peer review report portion to be submitted for information to the NRC was updated to reflect the inclusion of SR assessment and F&O (or F&O closure rationale) wording. This is based on the continuous feedback received from the NRC on the pilot NDM reviews performed in 2019/2020 and observed by the NRC staff.