

INPRO sustainability assessment methodology update in the area of nuclear reactor safety

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International Atomic Energy Agency

History and Status

- **July 2012:** INPRO steering committee initiates project to update INPRO methodology manuals (TECDOC-1575, vols. 1-9);
- **November 2012:** update consultancy kick-off with participation of national experts and internal IAEA experts working in topical areas (safety, security, safeguards, environment, economics, etc.);
- For INPRO assessment area of reactor safety, 63 comments were received plus vendor feedback from 7th INPRO Dialog Forum;
- Between **December 2013 and January 2014** updated draft manual was distributed for discussion internally and externally to consultancy participants;
- Review and discussion on updated draft manual still ongoing.



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Updates in INPRO draft manual on nuclear reactor safety

- Proposed simplification of structure of methodology:
 - Reduction of number of basic principles from four to one;
 - Reduction of number of user requirements from 14 to 10 (by combining);
 - Elimination of overlapping criteria in different user requirements; and
 - Elimination of overlap with area of environmental impact of stressors (assessment of public exposure at normal operation conditions and AOO).
- By request, inclusion of safety culture into the safety manual (removed from the manual on infrastructure).



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Thank you for your attention!



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