

PRA STANDARDS DEVELOPMENTS

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ASME PRA Standard

- ASME RA-S-2002 “Standard For Probabilistic Risk Assessment For Nuclear Power Plant Applications”
- Addenda issued to address public inquiries and NRC staff comments related to RG 1.200 endorsement
- PRA standards training

ASME/ANS PRA Standard

- Combines ASME/ANS Level 1 standards
- Issue standard with ASME/ANS logo's
- Consistency in format and language
- Provides stability in standard over time
- Allows endorsement of single standard
- Combined standard issued in phases

Related Developments

- Applications
 - Risk-informed ISI / IST
 - Risk-informed repair / replacement
- New and future reactor initiatives
 - Working groups address PRA needs
 - Risk-informed safety classification
 - Probabilistic design developments

Summary

- ASME has coordinated with NRC and global industry on risk-informed, performance-based standards for over 20 years
- While these standards efforts are beneficial to stakeholders, they are long term initiatives