

Miller, Ed

From: Miller, Ed
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Subject: Material for 1/16/2020 Public Meeting - Sunil Presentation
Attachments: NewMethods-01-16-20-weerakkody.pptx

Attached is the subject presentation material for the Jan 16, 2020, public meeting.

Newly-Developed Methods and Planned Update to RG 1.200

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January 16, 2020

OVERVIEW

- Update status of the five tasks relating to dispositioning PRA Newly-Developed Methods (NDM issue).
 - Updates to inspection procedures (for information)
 - Developing Office Instruction (for information)
 - Developing knowledge management document on risk-Informed Initiatives (for information)
 - Review of NEI technical specification (for information)
 - Update to RG 1.200 (for discussion)

Updates to Inspection Procedures to Address Needs of Risk-Informed Initiatives

- IP 71111.13, “MAINTENANCE RISK ASSESSMENTS AND EMERGENT WORK CONTROL,” has been updated to address needs of Tech Spec 4b, Effective January 1, 2020.
- IP 71111.22, “SURVEILLANCE TESTING,” has been updated to address periodic verification needs of 10 CFR 50.69 and Risk Initiative 5b, Effective January 1, 2020.
- IP 71111.12, “MAINTENANCE EFFECTIVENESS,” has been updated to address periodic verification needs of 10 CFR 50.69, Effective January 1, 2020.

Updates to Inspection Procedures to Address Needs of Risk-Informed Initiatives (Cntd.)

- IP 71111.18, “PLANT MODIFICATIONS,” has been updated to address periodic verification needs of Tech Spec Risk Initiatives 4b, 5b and 10 CFR 50.69, Effective January 1, 2020.
- IMC 2515C, “SPECIAL AND INFREQUENTLY PERFORMED INSPECTIONS,” is under evaluation to address special and infrequent needs associated with Tech Spec 4b. (Needs development of a supplemental IP).

Development of the NRR Office Instruction

- Status: Under development, Target Completion 3/31/2020.
- Addresses the need for inter-division and inter-office coordination to support oversight needs pertaining to risk-informed initiatives (near-term focus limited to: Tech Spec 4b\newly-developed methods).
- Will rely on revised inspection procedures.
- Establishes schedule goals and resource estimates for Head Quarters subject matter experts to perform a high-level audit of NDMS to determine the need for inspections.

Development of the NRR Office Instruction (Cntd.)

- Acknowledges and plans for the need for inspections of PRAs.
- Include elements to encourage licensees to use NDMs that have received an opportunity for regulatory review.
- Provides guidance to adjust depth\timeliness of review based on implications of issue (e.g., NDM) on PRA acceptability.
acceptability\”credibility.”

Important Issues: Review fees for NDMs developed by vendors, Licensees’ responsibilities wrt use of NDMs developed by vendors, Prompt accessibility to NDM review related documents, Applicability of “Maintenance of records.. 10CFR 50.71,” Need for prompt access to detail documents to support HQ audit.

Developing Knowledge Management Document on Risk-Informed Initiatives.

- This will be a memorandum from the Senior Level Advisor (SLA) to DRA Division Management.
- It will summarize licensing and oversight strategies for four risk-informed initiatives (NFPA 805, Tech Spec 4b, Tech Spec 5b, 10 CFR 50.69).
- It will compare and contrast important differences (e.g. regulatory requirements, license conditions) among the four initiatives.
- It will provide a summary of the peer-review process and the role of PRA Model and PRA Configuration Control within licensing basis.
- Target completion: 3/31/2020

Proposed Alternative to Tech Spec.

- NRR's Division of Safety Systems (Tech Spec Branch) and Division of Risk Assessment have completed the review of the conceptual framework of the TS Alternative proposed by NEI.
- Reviews by other stakeholders are continuing.

Next Steps:

- NRR\DRA SLA provides recommendation to NRR management.
- NRR senior management will considers SLA input and other considerations\inputs and convey NRC decision to industry.
- (Target completion: 3/31/2020)