

## **ENCLOSURE 2**

**RIDM Phase 2 Tickets**

## RIDM Phase 2 Tickets

### **Ticket Number 1**

*Subject:* NRR Office Instruction for RIDM

*Requested Action(s):* Develop a new NRR Office Instruction (OI) on RIDM that will be the comprehensive repository for NRR-specific guidance on RIDM. The new OI will include the current IRT process as an attachment and should be structured to allow attachments that provide additional staff guidance on specific topics.

*Assigned to:* DORL

*Requested Completion Date:* February 28, 2019

*Desired Outcome of Ticket:* A single point of reference to enable implementation of RIDM actions and a home for the IRT process documentation, as identified in the RIDM Action Plan.

### **Ticket Number 2**

*Subject:* New Staff Guidance for RIDM for Inclusion in the new RIDM OI

*Requested Action(s):*

- a) Develop guidance for inclusion in RIDM OI on how to distinguish between Type 1 and Type 2 LARs. Guidance should include information on appropriate construct of IRTs for each type of LAR, including associated responsibilities.
- b) Develop guidance ("RIDM Roadmap") for technical staff concerning use of risk principles, in particular for IRT Box 5, "no [PRA] risk information used" of the IRT process. Include a glossary of commonly used RIDM terms in an appropriate location to promote a common understanding of risk-insights and risk-information among the general population of technical reviewers.

*Assigned to:*

- a) DRA
- b) DE

*Requested Completion Date:* July 31, 2019

*Desired Outcome of Ticket:*

- a) A common understanding of how to implement IRTs in the context of the revised RIDM Type 1 and Type 2 LARs.
- b) Clarity on how to differentiate the use of risk information in "traditional" IRT Box 5 reviews from the Box 6-8 "risk-based / risk-informed" concepts

**Ticket Number 3**

*Subject:* Training on NRR RIDM Office Instruction

*Requested Action:* Complementary to the RIDM seminar(s) and iLearn Course 427162, develop training on the new NRR RIDM OI and the IRT process. All NRR staff will need training on the revised IRT process and the new ways to acceptably use risk in technical reviews. Training methods should include the following:

- a) Presentation of new process at division meetings,
- b) iLearn training, either in person or online,
- c) A desk reference, or
- d) Revision of NRR qualification programs, or
- e) Branch specific training.

*Assigned to:* DORL and DRA

*Requested Completion Date:* June 30, 2019

*Desired Outcome of Ticket:* The staff understands the background and information necessary to successfully use the IRT process and new types of risk within safety evaluations.

**Ticket Number 4**

*Subject:* RRPS Modifications

*Requested Action(s):* Develop change requirements to implement IRTs in RRPS and obtain RRPS Configuration Control Board (CCB) approval. Modify RRPS to implement IRTs through its Configuration Control Board process. The modifications shall include:

- a) Section 6.0, "RRPS Changes", in Enclosure 2, Attachment 1, "Integrated Review Team Process," in the June 26, 2018, memo (ADAMS Accession No. ML18169A205).
- b) An identification of whether an IRT includes a risk analyst.
- c) A milestone for technical Branch Chief to approve his/her staff input to an integrated SE.
- d) A milestone for completion of an integrated SE outline.

*Assigned to:* DORL

*Requested Completion Date:* March 15, 2019

*Desired Outcome of Ticket:* RRPS has the capability to incorporate recommendations from the RIDM Action Plan and this ticket enables the automatic application of the RIDM process, enforcing its use (when appropriate) across NRR.

**Ticket Number 5**

*Subject:* Update NUREG-0800 to Account for the Adoption of RIDM

*Requested Action(s):* Develop a strategy and action plan to revise NUREG-0800 to:

- a) Provide guidance on the scope and depth of licensing reviews considering risk insights
- b) Remove prohibitive language that inhibits the staff from using risk insights in their work

*Assigned to:* NRO

*Requested Completion Date:* March 31, 2019

*Desired Outcome of Ticket:* Enhanced clarity on how risk insights can be used across a broader spectrum of licensing reviews.

**Ticket Number 6**

*Subject:* Update the Guidance and develop IRT approaches for Other Licensing Activities to Allow for Increased Use of Risk Insights

*Requested Action(s):* Review and update guidance for other licensing activities, such as power uprates, backfits, TSTF travelers, generic communications, orders, topical reports, and TIAs to allow the use increased use of risk insights. Ensure that any prohibitive language inhibiting the staff from using risk insights is removed. Additionally, add sentence(s) pointing to NUREG-0800 guidance and the new RIDM OI regarding the use of risk insights.

In addition to reviewing the guidance for the licensing activities listed above, complete the following activities:

- a) Update LIC-112, "Power Uprate Process," and RS-001, "Review Standard for Extended Power Uprates," to allow licensees to submit risk-informed submittals for power uprates. Develop guidance for an IRT approach for power uprates to be attached to the new RIDM OI.
- b) Develop guidance on using an IRT approach that includes risk analysts and backfit experts early in the backfit decision making process. The guidance will be attached to the new RIDM OI.
- c) Develop guidance on using an IRT approach for generic communications to encourage staff involved in a technical issue to work with all of the affected organizations prior to entering the generic communications process. The guidance will be attached to the new RIDM OI.
- d) Consider developing guidance for an IRT approach for complex TSTF travelers involving multiple divisions and branches. Consider extending the approach to have a consistent group of staff performing the generic TSTF traveler reviews and the plant-specific LARs that adopt the travelers. If guidance is developed, provide it to DORL for inclusion as an appendix in the new RIDM OI.

*Assigned to:* The appropriate process owners for power uprates, backfits, TSTF travelers, generic communications, orders, topical reports, and TIAs.

*Requested Completion Date:* July 31, 2019

*Desired outcome of ticket:* Enhanced clarity on how risk insights can be used across a broader spectrum of licensing reviews and actions.

**Ticket Number 7**

*Subject:* Revise BTP 8-8, SRP Section 16.1, and RG 1.177 to address RIDM Task 4 Phase 1 Recommendations

*Requested Action(s):* Prepare a markup (redline/strikeout) of BTP 8-8, SRP Section 16.1, and RG 1.177 incorporating RIDM recommendations and address the 2018 expectations memorandum, dated May 18, 2018, (ADAMS Accession No. ML18052A573) from the Acting NRR Office Director. Additionally, the markup for RG 1.177 should address a long-duration CT for one-time extensions and a backstop CT. Issue the three revised documents in the *Federal Register* (FR).

*Assigned to:* DE for BTP 8-8, DSS for SRP Section 16.1, and DRA for RG 1.177

*Requested Completion Date:* 4/24/2019 and issuance in the FR by 9/31/2019

*Desired outcome of ticket:* A revised BTP 8-8 will clarify the use of a 14-day backstop for deterministic evaluations, the applicability of the guidance to one-time and permanent TS Completion Time extensions, and defense-in-depth considerations. For more information, see NRR Yellow Ticket Y020180241. A revised SRP Section 16.1 will ensure consistency with RG 1.177 and clarify the use of PRA in support of decisions to modify an individual plant's TSs. For more information, see NRR Yellow Ticket Y020180240. A revised RG 1.177 will address long duration CTs for one-time extensions and maximum backstop CT, even when supported with risk information.