

## NRR-DMPSPEm Resource

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**From:** Archambo, Neil G <Neil.Archambo@duke-energy.com>  
**Sent:** Thursday, May 18, 2017 9:37 AM  
**To:** FREGONESE, Victor; Rahn, David  
**Cc:** Curtis, David; Jung, Ian; Waters, Michael; Drake, Jason; Morton, Wendell; GEIER, Stephen; REMER, Jason; HANSON, Jerud  
**Subject:** [External\_Sender] RE: Agenda and Support Docs for 5/25 RIS Tabletop

It would certainly be useful to get the revised so I can make any necessary changes to the example qualitative assessment. If the timing doesn't work out where I can get the revised RIS, we can work through the necessary qualitative example changes during the tabletop. I would envision making real-time changes to the qualitative assessment during the tabletop. Ideally, by the end of the meeting we will have reached consensus and all have a firm understanding of what an acceptable qualitative assessment looks like – that's the primary goal.

I really want this tabletop to be interactive with good candid discussion. As I told Dave Rahn yesterday, I'm very thick-skinned – you're not going to hurt my feelings with candid comments. I realize we all share the same goal – to get useable guidance on the street. I developed the qualitative assessment through the eyes of a DI&C design engineer. We need to identify areas where the qualitative assessment misses the mark and determine if the RIS needs further clarification in these areas.

I look forward to this tabletop exercise and believe it will prove very beneficial.

Neil

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**From:** FREGONESE, Victor [<mailto:vxf@nei.org>]  
**Sent:** Thursday, May 18, 2017 9:16 AM  
**To:** Rahn, David  
**Cc:** Archambo, Neil G; Curtis, David; Jung, Ian; Waters, Michael; Drake, Jason; Morton, Wendell; GEIER, Stephen; REMER, Jason; HANSON, Jerud  
**Subject:** Re: Agenda and Support Docs for 5/25 RIS Tabletop

Jason, I took a look at the proposed agenda. I believe that the first thing industry needs to understand is what the differences are from the previous RIS we reviewed and commented on, and the one that be issued in the next few days. I also would think that there are technical points that need to be discussed further from our last round of comments, depending on how these were addressed in the new version. I suspect this will take a good bit of time. The tabletop exercises will only be useful if we are aligned on the scope and extent of conditions that are in the revised document. Neil please add your commentary on this if possible.

On May 18, 2017, at 8:48 AM, Rahn, David <[David.Rahn@nrc.gov](mailto:David.Rahn@nrc.gov)> wrote:

Hi Neil:

I believe that we are primarily interested in seeing how the safety-related example (EDG digital voltage regulator) works to identify design attributes, quality measures, and operating experience that could be used for arguments that satisfy the 50.59 criteria—primarily 50.59(C)(2)(i),(ii),(v), and (vi).

For the non-safety related example (Open Phase detection system), even if it is not put into the format we have in the RIS, it would be good to use your previous write-up to discuss the pros and cons of using the available design attributes and quality measures (e.g., critical digital

review, FMEA, EMI/RFI testing, software quality measures, etc. but limited operating experience) to see how well an argument can be put together that satisfies the criteria.

Thanks,  
Dave

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**From:** Archambo, Neil G [<mailto:Neil.Archambo@duke-energy.com>]

**Sent:** Thursday, May 18, 2017 8:33 AM

**To:** Drake, Jason <[Jason.Drake@nrc.gov](mailto:Jason.Drake@nrc.gov)>; Rahn, David <[David.Rahn@nrc.gov](mailto:David.Rahn@nrc.gov)>; Morton, Wendell <[Wendell.Morton@nrc.gov](mailto:Wendell.Morton@nrc.gov)>; GEIER, Stephen <[seg@nei.org](mailto:seg@nei.org)>; FREGONESE, Victor <[vxv@nei.org](mailto:vxv@nei.org)>; REMER, Jason <[sjr@nei.org](mailto:sjr@nei.org)>; HANSON, Jerud <[jeh@nei.org](mailto:jeh@nei.org)>

**Cc:** Curtis, David <[David.Curtis@nrc.gov](mailto:David.Curtis@nrc.gov)>; Jung, Ian <[Ian.Jung@nrc.gov](mailto:Ian.Jung@nrc.gov)>; Waters, Michael <[Michael.Waters@nrc.gov](mailto:Michael.Waters@nrc.gov)>

**Subject:** [External\_Sender] RE: Agenda and Support Docs for 5/25 RIS Tabletop

Jason,

I've just about completed the qualitative assessment for one tabletop example. It may be difficult to fully develop a second example prior to the meeting. Additionally, I'd like to review the revised RIS prior to completing the first example qualitative assessment. I'm shooting for completion of this example by the end of the weekend or very early next week.

The qualitative assessment I'm working on is a safety related example (EDG voltage regulator). I will attempt to develop a qualitative assessment for a non-safety example prior to the meeting next week if time permits. If I do not get the second example fully developed prior to the meeting, perhaps we could develop it (or finish developing it) as a group during the meeting. That may prove beneficial as well. Thoughts?

Neil

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**From:** Drake, Jason [<mailto:Jason.Drake@nrc.gov>]

**Sent:** Thursday, May 18, 2017 8:18 AM

**To:** Rahn, David; Morton, Wendell; GEIER, Stephen; FREGONESE, Victor; Archambo, Neil G; REMER, Jason; HANSON, Jerud

**Cc:** Curtis, David; Jung, Ian; Waters, Michael

**Subject:** Agenda and Support Docs for 5/25 RIS Tabletop

**Importance:** High

All,

Just 24 hours removed from the ACRS briefing and we need to get going on our next actions. I have a rough agenda in PMNS for the 5/25 tabletop meeting (link below). Let's try to get some resolution to the agenda today and shoot for no later than Tuesday next week to load the presentation materials into ADAMS. Call or email me with any questions.

<https://adamswebsearch2.nrc.gov/webSearch2/view?AccessionNumber=ML17135A393>

Thanks for the support!

Jason Drake

Project Manager

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**From:** Archambo, Neil G

**Created By:** Neil.Archambo@duke-energy.com

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