

## NuScaleDCDocsPEm Resource

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**From:** Bryan, Marty <mbryan@nuscalepower.com>  
**Sent:** Tuesday, February 06, 2018 5:27 PM  
**To:** Chowdhury, Prosanta  
**Cc:** Goff, Russell  
**Subject:** [External\_Sender] DRAFT notes from calls on 1/24 and 1/31

Prosanta,

As we discussed, NuScale is sharing our DRAFT notes from the public call on January 24<sup>th</sup> and 31<sup>st</sup> to facilitate our common understanding on what will be provided by NuScale as a unilateral response or where NuScale believes an RAI is more appropriate. After you have had time to review with your staff let me know if we need to have a call to discuss.

Thanks,  
Marty

### DRAFT NOTES FOR DISCUSSION PURPOSES

#### RAI 9179

- | •NRC noted DCA X/Qs may not bound some sites, but increasing by 20% would bound more sites.
  - NuScale will consider this change for the future. No immediate action.
- | •Additional Table 2.0-1 cross references suggested by NRC
  - NuScale can make these additions in a unilateral letter. Awaiting full list of suggestions from NRC.
- | •NRC suggested "Site boundary" vs "Site fence" etc could be more consistently used throughout FSAR.
  - NuScale can make these changes in a unilateral letter
- | •NRC suggested "continental" be changed to "contiguous" US where appropriate in the context of applicability of RG 1.74 and HMR-52 (e.g FSAR sections 2.3.1 and 3.3.2.1)
  - NuScale can make these changes in a unilateral letter
- | •NRC noted reference to Rev 0 instead of Rev 2 of AST LTR is outdated
  - This should be addressed in DCA Rev 1 submittal and if it is not, NuScale can make this change in a unilateral letter
- | •NRC noted RAI 9179 Question 2 and Question 3 response contained two different versions of page 3.8-58
  - DCA Rev 1 will only contain one of the two versions and no action is planned from NuScale on this item. For NRC's reference, the version attached to NRC Question No.: 02.03.01-2 is the DCA Rev 1 version and we apologize for the confusion.
- | •NRC suggested Table 1.9-8 entry for issue "ell.F" may be better categorized as "Partially conforms"
  - NuScale can make this change in a unilateral letter
- | •NRC provided discussion of roof vs ground snow load
  - NuScale's understanding is that NRC's suggestion to change to showing ground snow loads instead of roof snow loads was only a suggestion and not a requirement given NRC was able to use the provided equation to convert between the two.
    - ↳ NuScale prefers not to provide a unilateral change on this issue and an RAI would be necessary if NRC felt it was a requirement to change.
- | •NRC suggested the removal of references to FSAR 2.3.1 for snow loads from other FSAR sections and rather have them point to Chapter 3.
  - NuScale can make this change in a unilateral letter provided NuScale can find the exact locations NRC was referring to.

- | •NRC questioned if there are Seismic I SSC in the turbine building
  - NuScale explained that there were no Seismic I SSC in the Seismic III turbine building.
    - ↔②▪ Table 3.2-1 may have formerly referred to Seismic I SSC in the turbine building, but this should no longer be the case in DCA Rev 1. Portions of Table 3.2-1 related to this issue were updated in the response to RAI 9122 Question 10.04.07-2, but the fullness of updates will be shown in DCA Rev 1.
- | •NRC questioned if there were parapets on the RXB
  - NuScale noted there are no parapets in the RXB design
    - ↔②▪ NuScale is not planning on a unilateral letter on this issue as they didn't believe NRC requested any further clarification.
- | •NRC noted redundant drain pipes on control room and some discussion was had with respect clogging.
  - If the item warrants further action, an RAI from NRC would be required.

RAI 9182

- | •NRC noted XOQDOQ applicability at 100 meters and questioned NARCON's hourly intervals compared to XOQDOQ annual average
  - NuScale provided explanation that use of NARCON was conservative and produced essentially equivalent annual average
    - ↔②▪ If the issue warrants further action, an RAI from NRC would be required and NuScale would request the statement "XOQDOQ produces valid results from 100 meters and beyond", or something similar, be provided as part of the RAI in writing if an RAI is found to be necessary.
- | •NRC suggested plant exhaust should be added to Table 1.8 of the FSAR
  - NuScale can make these changes in a unilateral letter

RAI 9185

- | •NRC questioned lack of degrees on Figures 2.3-2 and 2.3-3.
  - NuScale provided explanation of why degrees were removed from the figure.
    - ↔②▪ This would require an RAI from NRC if addition of degrees is a requirement.
- | •NRC requested additions to Table 15-20 or the creation of a new table to consolidate main control room X/Q derivation related parameters.
  - NuScale can provide this in a unilateral letter.
- | •NRC questioned about potential RG 1.111/RG 1.194 2h 2L issue
  - NuScale provided an explanation of the reference point for the 37 meter release height.
    - ↔②▪ If the issue is unresolved, an RAI from NRC would be required.
- | •NRC questioned the meaning of Table 11.3-12's "Not applicable" vent/stack orientation entry
  - NuScale provided an explanation and a good discussion ensued.
    - ↔②▪ If the issue warrants further action, an RAI from NRC would be required.
- | •NRC noted cited ADAMS number of "ML17317B546" was a typo
  - NuScale confirmed it should have been "ML17317B548" .
    - ↔②▪ NuScale is not planning a future action associated with this item.

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