

Vogle PEmails

From: Hoellman, Jordan
Sent: Monday, July 23, 2018 9:40 AM
To: Vogle PEmails
Subject: Revised Proposed License Condition for Critical Sections (LAR 17-037)
Attachments: 2018-07-19 LAR 17-037 draft License Condition Criteria related to Critical Sections.pdf

Please see the attached revised proposed License Condition criteria regarding critical sections for LAR 17-037, Changes to the Tier 2* Departure Evaluation Process.

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Subject: Revised Proposed License Condition for Critical Sections (LAR 17-037)
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Options

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License Condition 2.D.(13)(a)
NRC Proposed Conditions 7, 8, and 9
Related to Critical Sections

July 19, 2018

7. Involve structural materials or analytical or design methods, including design codes and analytical assumptions, that deviate from those credited in the plant-specific DCD for critical sections,
8. Result in a change to the design of the steel faceplates, internal trusses, tie bars, or headed studs of the steel-concrete (SC) module walls in the Nuclear Island or the Shield Building, including SC-to-reinforced concrete (RC) connections,
9. Result in an increase in the demand to capacity (D/C) ratio of a critical section of the structure. SNC shall determine the D/C ratio under this condition for each critical section structural member affected by a departure by:
 - (i) Using the Tier 2* information in the UFSAR Section 3.8 or Appendix 3H Table that directly states the D/C ratio or states the area of steel provided and the area of steel required for the affected structural member, or
 - (ii) Providing the same total area of steel across the entire critical section using any combination of rebar sizes and spacing allowed by the design basis codes used in the UFSAR as the total area of steel specified in UFSAR Section 3.8 and Appendix 3H Tables marked Tier 2*.