

Vogle PEmails

From: Habib, Donald
Sent: Wednesday, April 18, 2018 1:02 PM
To: WASPARKM@southernco.com
Cc: neil.haggerty@excelservices.com; Hoellman, Jordan; x2nhagge@southernco.com; Patel, Chandu; Dixon-Herrity, Jennifer; Amundson, Theodore Edwin; Hicks, Thomas E.; Williams, Joseph; Jung, Ian; Zhao, Jack; Barss, Dan; Vogtle PEmails
Subject: One More Additional Question for licensee on LAR 17-037

Wes et al. –

Below is the 3rd and final discussion topic for tomorrow's public meeting related to LAR 17-037.

This email trail captures all 3 of the topics for LAR 17-037.

Thank you

Don Habib
Project Manager
NRO/DNRL, Licensing Branch 4
O-8D13
301-415-1035

Topic: Clarify the Use of Proposed Criterion 2 on Design Processes for I&C including Component Interface Module (CIM) and Diverse Actuation Systems (DAS)

Only the following five technical or topical reports, as a whole, are designated as Tier 2* items:

- WCAP-17201-P, "AC160 High Speed Link Communication Compliance to DI&C-ISG-04 Staff Position 9, 12, 13, and 15," Rev. 0
- WCAP-15927, "Design Process for AP1000 Common Q Safety Systems," Rev. 2
- WCAP-17179, "AP1000 Component Interface Module Technical Report," Rev. 2
- WCAP-16097-P-A, "Common Qualified Platform," Rev. 0
- WCAP-16096-NP-A, "Software Program Manual for Common Q Systems," Rev. 01A

- (1) The staff is not aware of any Tier 2* information for the DAS, including its design process. The staff notices that there is a discussion in the LAR of the DAS including "...this new criterion does not allow any material change to a design process" on Page 11 of 19. Is there any Tier 2* information in any of the WCAPs above for the DAS that the staff is not aware of?
- (2) Does Criterion 2 also cover the design processes for the CIM? This clarification is helpful, although the CIM design process is briefly discussed in Tier 1 under the PMS description, WCAP-17179 indicates that the CIM interfaces with the PMS and other systems indicating that it is separate from the PMS. The staff understands that the CIM design process is different from that for the PMS.

From: Habib, Donald
Sent: Wednesday, April 18, 2018 9:47 AM
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Subject: RE: Question for licensee on LAR 17-037, related to emergency preparedness (EP)

Wes et al. –

Below is another additional topic regarding LAR 17-037 that the staff would like to address at the public meeting this Thursday:

Please advise if you can support the discussion topic.

Later today, I expect to send you additional topics related to that LAR for the public meeting.

Thanks

Don Habib
Project Manager
NRO/DNRL, Licensing Branch 4
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The LAR states that the proposed process is “functionally consistent with departure evaluation processes applied by current applications for the certification of designs that contain no Tier 2* information.” The departure evaluation process does not apply until a design is certified and a license references that certification, so it is not clear what process SNC is referring to, or why the claimed similarity is pertinent to this plant-specific LAR. Further, designs currently under review differ significantly from AP1000, with substantially different approaches to ensuring safety, so processes that might apply to one design may not be relevant to another design. Therefore, SNC is requested to identify and describe the process being referred to and its relevance to the LAR.

From: Habib, Donald
Sent: Wednesday, April 18, 2018 8:16 AM
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Subject: Question for licensee on LAR 17-037, related to emergency preparedness (EP)

Wes et al. –

Below is a discussion topic the staff would like to address at the public meeting this Thursday, related to LAR 17-037.

Later today, I expect to send you additional topics related to that LAR for the public meeting.

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Thanks

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The AP 1000 DCD, in the introduction section, in Table 1-1, "Index of AP1000 Tier 2 Information Requiring NRC Approval for Change" identifies Tier 2 References 18.8.2, 18.8.3.5, and 18.8.6. These references are to emergency preparedness items such as the location of the technical support center (TSC), TSC Interfaces, TSC Habitability, and other requirements for emergency response capabilities. Though these references point to the human factors sections where these items are addressed at a high level, more specific details are found in Section 13.3 of the Vogtle 3&4 UFSAR, and even more specifically in the site emergency plan which is a separate licensing document. Change to EP information is controlled by the requirements in 10 CFR 50.54(q). This section has criteria for what can and cannot be changed without prior NRC approval for EP matters.

How would EP matters, controlled by 10 CFR 50.54(q), screen out using the proposed screening criteria that LAR 17-037 proposes?

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Sent Date: 4/18/2018 1:01:48 PM
Received Date: 4/18/2018 1:01:53 PM
From: Habib, Donald

Created By: Donald.Habib@nrc.gov

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Options

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