

PMFermiCOLPEm Resource

From: Govan, Tekia
Sent: Monday, August 13, 2012 6:48 PM
To: 'Michael K Brandon'
Cc: Muniz, Adrian; FermiCOL Resource
Subject: NRC Staff comments on Chapters 2 and 3 ACRS slides

Michael:

Please find below two comments from the NRC staff as they relate to your draft ACRS presentation slides. These comments are meant to address errors or request clarification in your slides. Please let me know if you have any questions or comments relative to the below information. We would like to have an answer to the Chapter 3 question as soon as possible.

Thanks
Tekia

Chapter 2.4

On slide 6 the applicant says that the maximum calculated water level is 3.9 ft below Fermi 3 grade, which is 2.9 ft below the design elevation for safety structures... but in the figure on Slide 8, the "elevation of safety related structures" is 590.5. And if you subtract the Alt III elevation they present, that is 3.9 ft. So, what the text should read is that the "maximum calculated water level is 3.9 ft below the Fermi 3 Safety structures, which is 0.5 ft higher than the Fermi 3 plant grade" - the flood elevation is only 2.4 ft below the Fermi plant grade, so any way you look at it, those two slides are wrong.

Chapter 3

In reviewing the material for the ACRS briefing on Fermi-3, it appears that the ESBWR Isolation Condenser includes 2 squib valves from the equipment pool.

We have prepared the proposed license condition to apply to squib valves in the GDCS and ADS systems because of their large size. We did not consider the 3-inch squib valves in the SLC system to require the license condition.

Please confirm the size of the squib valves in the ESBWR Isolation Condenser system.

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