

ArevaEPRDCDocsPEm Resource

From: Clark, Phyllis
Sent: Tuesday, July 23, 2013 6:35 PM
To: ArevaEPRDCDocsPEm Resource
Cc: McLellan, Judith; Segala, John; Snyder, Amy
Subject: FW: Comments for Advanced Response to U.S. EPR Design Certification Application RAI No. 541 (6322), FSAR Ch. 2 - NEW PHASE 4 RAI. Question 02-3

P. Clark

Project Manager
U.S. Nuclear Regulatory Commission
Office of New Reactors, DNRL
Room T-6C10
Washington, DC 20555
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Phyllis.Clark@nrc.gov

From: WILLIFORD Dennis (AREVA) [<mailto:Dennis.Williford@areva.com>]
Sent: Tuesday, July 23, 2013 3:15 PM
To: Clark, Phyllis
Cc: MONTAGUE Kelvin (EXTERNAL AREVA); LENTZ Tony (EXTERNAL AREVA); Snyder, Amy
Subject: RE: Advanced Response to U.S. EPR Design Certification Application RAI No. 541 (6322), FSAR Ch. 2 - NEW PHASE 4 RAI. Question 02-3

Phyllis,
There is no AREVA Proprietary information in the NRC staff comments. It can be made public.

Thanks,
Dennis

Dennis Williford, P.E.
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7207 IBM Drive, Mail Code CLT 2B
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From: Clark, Phyllis [<mailto:Phyllis.Clark@nrc.gov>]
Sent: Tuesday, July 23, 2013 12:50 PM
To: WILLIFORD Dennis (RS/NB)
Subject: RE: Advanced Response to U.S. EPR Design Certification Application RAI No. 541 (6322), FSAR Ch. 2 - NEW PHASE 4 RAI. Question 02-3
Importance: High

Hi Dennis,

Is there any proprietary information in the staffs comments below. I would like to put these comments in the public file we use for public comments.

Thanks,

Phyllis

P. Clark

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From: Clark, Phyllis

Sent: Tuesday, July 23, 2013 12:27 PM

To: WILLIFORD Dennis (AREVA)

Cc: Snyder, Amy; Segala, John; 'RYAN Tom (AREVA)'

Subject: REF: Advanced Response to U.S. EPR Design Certification Application RAI No. 541 (6322), FSAR Ch. 2 - NEW PHASE 4 RAI. Question 02-3

Good morning Dennis,

The staff has the following comments on the advanced response to RAI No. 541 (6322), FSAR Ch. 2 - NEW PHASE 4 RAI. Question 02-3.

- EPR FSAR Rev 4 Tier 1 Section 2.1.3 (Item 3.1 and Table 2.1.3-1) (for the Nuclear Auxiliary Building) appears to be impacted by this RAI. The applicant should review this section for appropriate update and include corresponding FSAR mark-ups.
- EPR FSAR Rev 4 Tier 1 Section 2.1.5 Item 3.2 states that “ESWBs have tornado-generated missile protection shields--” However, the FSAR markup provided with the advanced response does not revise this design feature in Item 3.2 to include also the hurricane missiles protection shields. The applicant should review this section for appropriate update and include corresponding FSAR mark-ups. The applicant should also review for other applicable seismic category II structures for proper updates.
- On page 3.3-3 of the markup it states that “The design basis hurricane and tornado for the U.S. EPR FSAR standard plant design are selected for a worst case site in the contiguous United States,---.” However, R.G. 1.221 identifies wind speeds in excess of 260 mph for the contiguous U.S. while the response to Question 02-3 states that the EPR will use a 230 mph wind speed. The applicant should further clarify that the design speed does not represent the worst case site.

Please let me know if you have any questions.

Thanks,

Phyllis

P. Clark

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Application RAI No. 541 (6322), FSAR Ch. 2 - NEW PHASE 4 RAI. Question 02-3
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From: Clark, Phyllis

Created By: Phyllis.Clark@nrc.gov

Recipients:

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Tracking Status: None

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Tracking Status: None

"Snyder, Amy" <Amy.Snyder@nrc.gov>

Tracking Status: None

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