

NRR-PMDAPEm Resource

From: Regner, Lisa
Sent: Friday, December 11, 2015 6:59 AM
To: Wayne Harrison
Cc: Russell, Andrea; Regner, Lisa
Subject: FW: STP Initial RAIs

Wayne,
Below are draft RAI questions from the T-H audit.
Let me know if you have any questions – these should not be a surprise.
Thanks,
Lisa

Lisa Regner

Sr. PM
NRR/DORL/LPL4-1
301-415-1906
O8D08

1. During the audit, STP was considering performing the long term core cooling analysis with the core bypass open to allow flow in the axial direction. Does STP intend to make this change and allow flow axially through the bypass or will STP continue with the bypass completely blocked? If STP is crediting the use of the bypass, they should provide analysis to demonstrate that the bypass will not block during the scenarios. If they are not crediting the bypass, they should inform the NRC that they plan to continue with their current model.
2. During the audit, the NRC staff identified a number of sensitivity studies which would be important for the review of the proposed long term core cooling evaluation methodology. STP should perform the following sensitivity studies and submit plots of the relevant figures of merit and important timings for long term core cooling analysis:
 - a) Appendix K decay heat load with single worst failure and steam generator tube plugging
 - b) Axial power shape
 - c) Small break sensitivity study with appropriate break size resolution

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From: Regner, Lisa

Created By: Lisa.Regner@nrc.gov

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Tracking Status: None

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