

Commitments contained in this letter: None

Attachment: Revised Response to NRC APLA RAI #6.a, Proposed License Amendment Request - Emergency Service Water Pump Allowed Outage Time Extension

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NRC Senior Resident Inspector
Surry Power Station

Attachment

REVISED RESPONSE TO NRC APLA RAI #6.a

PROPOSED LICENSE AMENDMENT REQUEST
EMERGENCY SERVICE WATER PUMP ALLOWED OUTAGE TIME EXTENSION

Virginia Electric and Power Company
(Dominion)
Surry Station Units 1 and 2

Revised Response to NRC RAI APLA RAI #6.a

Proposed License Amendment Request
Emergency Service Water Pump Allowed Outage Time Extension
Surry Power Station Units 1 and 2

APLA, RAI #6: 2012 Focused Scope Peer Review

Attachment 4 of the submittal explains that a focused peer review was performed in June 2012 for the SPS internal events PRA. It states that a review was performed against the requirements of the ASME/ANS PRA standard RA-Sb-2005. Previous discussion from the 2010 Peer Review states that an evaluation was supported by Addendum to ASME/ANS PRA Standard RA-S-2008.

- a. Clarify which version of the standard the June 2012 peer review was performed against and provide a list identifying all the technical elements that were reviewed for this focused scope peer review.*

The June 2012 Peer Review was performed against PRA standard RA-Sa-2009 and RG 1.200 Rev. 2. The SRs assessed in this peer review are documented in Table RAI6a below. This table was updated to include the final row of LE HLRs reviewed, which was inadvertently omitted from the original RAI response.

Table RAI6a: Scope of the 2012 Surry Peer Review

Technical Element	High Level Requirements (HLR)	Supporting Requirements (SRs) Covered	Focused Scope
IE	IE-A	IE-A2, IE-A5	Focused on the ISLOCA analysis. This included consideration of applicable AS SRs. However, since not all event trees were reviewed, any issues identified with the ISLOCA event tree were documented under the IE SRs.
	IE-C	IE-C3, IE-C5, IE-C6, IE-C8, IE-C9, IE-C10, IE-C11, IE-C12, IE-C14, IE-C15	
	IE-D	IE-D1, IE-D2, IE-D3	
SY	SY-B	SY-B1, SY-B2, SY-B3, SY-B4	Focused on modeling of common cause failures.
DA	DA-A	DA-A1, DA-A2, DA-A3,	Focused on data for common cause failures.
	DA-D	DA-D2, DA-D3, DA-D5, DA-D6, DA-D7	
	DA-E	DA-E1, DA-E2, DA-E3	
QU	QU-A	QU-A3	Focused on inclusion of state-of-knowledge correlation in the ISLOCA frequency analysis.
	QU-B	QU-B7	Focused on logic for removal of mutually exclusive CCF basic events.

Table RAI6a: Scope of the 2012 Surry Peer Review

Technical Element	High Level Requirements (HLR)	Supporting Requirements (SRs) Covered	Focused Scope
LE	HLR LE-A	All	Reviewed in entirety.
	HLR LE-B	All	
	HLR LE-C	All	
	HLR LE-D	All	
	HLR LE-E	All	
	HLR-LE-F	All	
	HLR LE-G	All	