

Vogle PEmails

From: Hoellman, Jordan
Sent: Wednesday, October 10, 2018 3:35 PM
To: Vogtle PEmails
Subject: Slides for 10/11/18 Public Meeting on Column Line 1 Wall (LAR 18-026)
Attachments: 2018-10-11 Column Line 1 Wall - NRC Slide.pdf

Forwarding these slides for discussion at the October 11, 2018, public meeting regarding LAR 18-026, Column Line 1 Wall Reinforcement Area Change.

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From: Ridgway, Paige [<mailto:PTAPSCOT@SOUTHERNCO.COM>]
Sent: Wednesday, October 10, 2018 10:30 AM
To: Patel, Chandu <Chandu.Patel@nrc.gov>; Hoellman, Jordan <Jordan.Hoellman2@nrc.gov>
Cc: Agee, Stephanie Y. <SYAGEE@southernco.com>; Arafah, Yasmeen N. <YNARAFEH@southernco.com>; Chamberlain, Amy Christine <ACCHAMBE@southernco.com>; Perego, Catherine <x2cpereg@southernco.COM>
Subject: [External_Sender] Slides for Tomorrow's Meeting on Column Line 1 Wall

Chandu/Jordan,

Please see attached for the slides for tomorrow's meeting. Please let me know if you have any questions. Thanks!

Paige Ridgway

Licensing Engineer

Nuclear Development Regulatory Affairs

Hearing Identifier: Vogtle_COL_Docs_Public
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LAR-18-026: Column Line 1 Wall Reinforcement Area Change





Column Line 1 Wall (Auxiliary Building @ El. 135'-3")

Table 3H.5-3
Exterior Wall on Column Line 1 Details of Wall Reinforcement (in ²/ft)
 (See Figure 3H.5-2 for Locations of Wall Sections.)

Wall Segment (See detail in Subsection 3H.5.1.1.)	Location	Required ⁽²⁾			[Provided (Minimum)]*		
		Vertical	Horizontal	Shear ⁽³⁾	Vertical	Horizontal	Shear ⁽³⁾
Wall Section 1, 6							
Elevation 180'-0" to 135'-3"				NR			None
	Outside Face	3.48	2.65		[3.91	3.12	
	Inside Face	1.94	1.52		3.12	3.12]*	

- Proposed change to rebar configuration
 - Development length of #8s @ 12" to begin at 135'-3"
 - Impacts provided area of reinforcement from 135'-3" through development length
- Plan to submit PAR concurrently

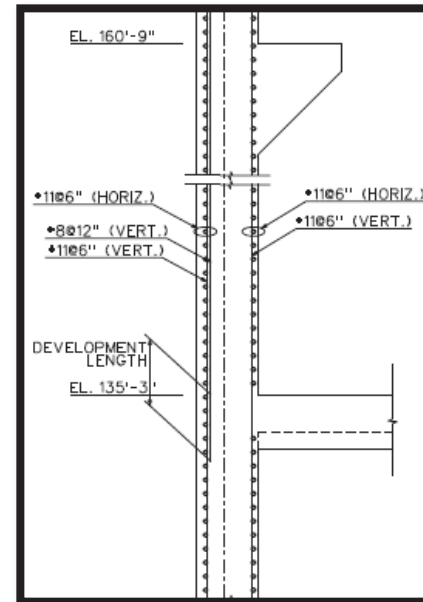


Figure 3H.5-3
[Typical Reinforcement in Wall on Column Line 1]*