

PMVogleCOLPEm Resource

From: Joshi, Ravindra
Sent: Thursday, August 06, 2009 12:41 PM
To: Amy Aughtman; Bob Hirmanpour; Eddie Grant; Wes Sparkman
Cc: VogleCOL Resource; Munson, Clifford; Wang, Weijun; Karas, Rebecca
Subject: Draft RAI 3381 related to SRP section 2.5.4 for Vogle Units 3 and 4
Attachments: RAI 3381.doc

To All,

Attached is a draft RAI 3381 related to SRP Section 2.5.4 for Vogle Units 3 and 4. If you would like to schedule a conference call to discuss this RAI, please let me know before 5:00 PM on August 11, 2008. If no request for a conference call is received, this RAI will be issued as Final.

Thanks,

Ravindra G. Joshi
Project Manager
AP1000 Project
NRO/DNRL/NWE1
US NRC
301-415-6191.

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RAI 3381.doc	27642	

Options

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Request for Additional Information No. 3381

Vogle
Southern Nuclear Operating Co.
Docket No. 52-0025 and 52-0026
SRP Section: 02.05.04 - Stability of Subsurface Materials and Foundations
Application Section: 2.5.4

QUESTIONS for Geosciences and Geotechnical Engineering Branch 2 (RGS2)

02.05.04-***

COL FSAR Section 2.5.4 references the ESP SSAR for foundation settlement analysis; SSAR 2.5.4.10.2 "Settlement Analysis" states that the differential settlement between the nuclear island and other structures is less than 1 inch. Since AP1000 DCD Revision 17 Table 2.5-1 requires that the differential settlement between the nuclear island and other structures be less than 1/2 inch, please provide detailed information on whether your COL settlement analysis results meet the standard design requirement. In addition, provide a description of your plans to monitor the differential settlement.