

VoglecolRAIsPEm Resource

From: Patel, Chandu
Sent: Monday, July 06, 2015 2:58 PM
To: Haggerty, Neil; 'Sparkman, Wesley A.' (WASPARKM@southernco.com); 'Jpredd@southernco.com'
Cc: VoglecolRAIsPEm Resource
Subject: ASME NPT Code Symbol Stamps for Vogle Units 3 and 4 (Draft RAI 8031)
Attachments: Draft RAI_8031.docx

Hi,

Please review the attached Draft RAI 8031 for Vogle Units 3 and 4 regarding ASME Code Symbol Stamps and let me know if you need any clarifications by July 9, 2015. Otherwise it will be issued as final.

Sincerely,

Chandu Patel, Senior Project Manager

U.S. NRC, Office of New Reactors

NRC/NRO/DNRL/LB4,

Washington, DC 20555-0001

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MS T6D38

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Options

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Request for Additional Information (Draft)

Issue Date:

Application Title: Vogtle Nuclear Site, Units 3 and 4, Dockets 52-0025 and 52-0026

Operating Company: Southern Nuclear Operating Co.

Docket No. 52-0025 and 52-0026

Review Section: NONE - NO SRP SECTION

Application Section:

QUESTIONS

NONE-XX

In Southern Nuclear Operating Company letter dated April 27, 2015, for Vogtle Electric Generating Plant, Units 3 and 4, the proposed request for alternative (ADAMS Accession NO. ML15117A444) states that this alternative is applicable for construction, pre-service inspection and all ASME NPT Code Symbol Stamp activities until the 2011 Addenda to the 2010 Edition of ASME B&PV Code, Section III has been authorized for use by reference in 10 CFR50.55a(1). However, since this horizontal NPT stamp is not in the 2011 Addenda to the 2010 Edition of ASME B&PV Code, Section III, or any other edition of the ASME Code, the use of this horizontal NPT stamp will not meet the ASME Code, as written.

In addition, your letter dated April 27, 2015, states:

"On February 9, 2015, ASME approved Code Case N-852, "Application of the ASME NPT Stamp Section III, Divisions 1, 2, 3, and 5" allowing the ASME NPT Code Symbol Stamp with the NPT Letters arranged horizontally to be used for construction to the 2010 Edition and earlier Editions and Addenda of Section III. The Code Case also added a clarification that it is the opinion of the Committee that the NPT Code Symbol Stamp with the NPT letters arranged horizontally is equivalent to the NPT Code Symbol Stamp as depicted and required by NCA-8000. However, until Code Case N-852 is endorsed for use by the NRC in 10 CFR 50.55a, this alternative to the requirements of NCA-8000 is needed to ensure that SNC will continue to comply with the CFR and the ASME B&PV Code with regard to ASME NPT Code Symbol Stamps."

However, the staff notes that the ASME Code Case N-852 is not in any edition of the ASME B&PV Code, Section III, or specified as Code Case N-852 in the ASME C&S Connect Database and cannot be used or reviewed. Therefore, the NRC staff requests the following:

1. Based on the above, any component that has the horizontal NPT stamp will need this request for alternative for the life of the component because the horizontal NPT stamp is not in any Edition or Addenda of the ASME Code. Revise the duration of the request for alternative accordingly.
2. Provide the applicable ASME letter that verifies that the horizontal NPT stamp is equivalent to the N over PT stamp specified in the 2010 Edition and earlier editions of the ASME B&PV Code, Section III.
3. Clarify whether the horizontal NPT stamp will be used in the future.
4. Provide the applicable timeframe that the horizontal NPT stamp may have been used.