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10 CFR 21.21

October 23, 2014

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING CA03 STRUCTURAL MODULE FABRICATION FOR VOGTLE UNIT 3 AP1000® PROJECT

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to deviations identified in the CA03 structural module being supplied for Vogtle Unit 3 AP1000® project construction.

Evaluation for reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60-day evaluation period due to the need for additional time to review the identified deviations. The supplier, the SMCI Division of MetalTek International, has recently provided information to CB&I regarding the effect of the deviations. Additional time is needed for CB&I to review, evaluate, and disposition the information provided by the supplier. It is currently expected that the evaluation of this condition will be completed by December 9, 2014.

If you have any questions pertaining to this information, please contact Curtis Castell, Licensing Manager, at 980-321-8314.

Sincerely,

Michael Hickey
Senior Vice President, Functional Operations

cc: Regional Administrator, USNRC, Region II

Attachment

IE19
NRO

INTERIM 10 CFR PART 21 REPORT REGARDING CA03 STRUCTURAL MODULE FABRICATION FOR VOGTLE UNIT 3 AP1000® PROJECT

This report is being provided as an interim report in accordance with 10 CFR 21.21.

(i) Name and address of the individual or individuals informing the Commission.

Michael Hickey
Senior Vice President, Functional Operations
128 S. Tryon St., Suite 1000
Charlotte, NC 28202

(ii) Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains a defect.

No basic components have been determined to fail to comply or contain a defect. This is an interim report. Deviations were found in submodules CA03-06, -08, and -09 that are intended to be used in the fabrication of structural module CA03. These submodules were received from SMCI Division of MetalTek International. The deviations being evaluated include some identified circumstances of weld undersize/underfill and lack-of/incomplete weld fusion. The CA03 structural module being fabricated and assembled is a wall module for the In-containment Refueling Water Storage Tank (IRWST) for the Vogtle Unit 3 AP1000® construction project.

(iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

No basic components have been determined to fail to comply or contain a defect. This is an interim report. The CA03 submodules were supplied by SMCI Division of MetalTek International, 4015 Drane Field Road, Lakeland, FL 22813.

(iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

No basic components have been determined to fail to comply or contain a defect. This is an interim report. Deviations in welds for structural modules can impact the load bearing and structural capability of these structures.

(v) The date on which the information of such defect or failure to comply was obtained.

The earliest discovery date of the identified deviations is August 25, 2014, based on date of the earliest completed inspections that identified the weld deviations. The supplier, SMCI Division of MetalTek International, has recently provided information to CB&I regarding the effect of the deviations. Additional time is needed for CB&I to review, evaluate, and disposition the information provided by the supplier. It is currently expected that the evaluation of this condition will be completed by December 9, 2014.

(vi) In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.

No basic components have been determined to fail to comply or contain a defect. This is an interim report.

(vii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

No basic components have been determined to fail to comply or contain a defect. This is an interim report.

It is currently expected that the evaluation of this condition will be completed by December 9, 2014.

(viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

None.

(ix) In the case of an early site permit, the entities to whom an early site permit was transferred.

Not applicable.