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10 CFR 21.21

January 21, 2014

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

**SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING DEVIATIONS OF SUB-MODULES SUPPLIED FOR AP1000 CA20 MODULE ASSEMBLY**

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to the identification of deviations associated with sub-modules supplied for module assembly. The sub-modules are being supplied as basic components for the V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects. The deviations that are being evaluated are associated with sub-modules supplied for the construction of the AP1000 CA20 auxiliary building structural modules. The CA20 auxiliary building structural modules for these projects are still in process of being assembled at each site.

Evaluation of reportability in accordance with 10 CFR Part 21 was not completed within the 60-day evaluation period due to the need to perform qualification of the welding process used. It is currently expected that the evaluation of these conditions will be completed by March 21, 2014.

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

Sincerely,

Don DePierro  
President, Nuclear Division

cc: Regional Administrator, USNRC, Region II

Attachment

IE19  
NRR

INTERIM 10 CFR PART 21 REPORT REGARDING DEVIATIONS OF SUB-MODULES SUPPLIED  
FOR AP1000 CA20 MODULE ASSEMBLY

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.

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(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. The deviations that are being evaluated are associated with sub-modules supplied for the construction of the AP1000 CA20 auxiliary building structural modules for V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects. The CA20 auxiliary building structural modules for these projects are still in process of being assembled at each site.

(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 deviations that are being evaluated are associated with sub-modules supplied for the construction of the AP1000 CA20 auxiliary building structural modules for V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects. The sub-modules are being supplied by CBI Lake Charles, 3191 West Lincoln Rd., Lake Charles, LA 70605.

(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. The deviations that are being evaluated are associated with sub-modules supplied for the construction of the AP1000 CA20 auxiliary building structural modules for V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects.

During review of V.C. Summer Unit 2 sub-module CA20-22 documentation, it was discovered that a welding procedure qualification record (PQR) had not been completed for welding of studs (A108 material) to A572 Grade 60 material performed under Weld Procedure Specification WPS 1-1-43, Revision 13, by CB&I Lake Charles. This deviation is applicable to stud welding on sub-modules where studs (A108 material) were attached to A572 Grade 60 material in accordance with WPS 1-1-43. It is planned that a PQR (procedure qualification record) will be completed that establishes acceptability of the welds performed under WPS 1-1-43. This is expected to resolve this condition as "not reportable." After completion and acceptance of the PQR, the evaluation of this condition under Part 21 can be completed. It is currently expected that the evaluation of these conditions will be completed by March 21, 2014.

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

The discovery date of the deviation is November 22, 2013, based on the date information was received from CBI Lake Charles regarding this deviation.

(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. The deviations that are being evaluated are associated with sub-modules supplied for the construction of the AP1000 CA20 auxiliary building structural modules for V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects.

(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. The deviations that are being evaluated are associated with sub-modules supplied for the construction of the AP1000 CA20 auxiliary building structural modules for V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects.

During review of V.C. Summer sub-module CA20-22 documentation, it was discovered that a welding procedure qualification record (PQR) had not been completed for welding of studs (A108 material) to A572 Grade 60 material performed under Weld Procedure Specification WPS 1-1-43. This deviation is applicable to stud welding on sub-modules where studs (A108 material) were attached to A572 Grade 60 material in accordance with WPS 1-1-43. It is planned that a PQR (procedure qualification record) will be completed that establishes acceptability of the welds performed under WPS 1-1-43. This is expected to resolve this condition as "not reportable." After completion and acceptance of the PQR, the evaluation of this condition under Part 21 can be completed. It is currently expected that the evaluation of these conditions will be completed by March 21, 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.

Resolution of the welding qualification is expected to result in acceptability of the welds. Therefore, no additional action, beyond completion of the qualification process, is needed at this time.

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

Not applicable.