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10 CFR 21.21

July 21, 2014

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

SUBJECT: UPDATED INTERIM 10 CFR PART 21 REPORT REGARDING CB&I LAKE CHARLES WELDING MATERIAL NONCONFORMANCE FOR AP1000 MODULE FABRICATION

The attachment to this letter provides an updated interim report in accordance with 10 CFR 21.21 pertaining to CB&I Lake Charles nonconformance of some welding material, which was previously submitted by letter dated May 22, 2014. CB&I Lake Charles is supplying basic components associated with modular construction for the V. C. Summer and Vogtle AP1000 nuclear projects. It was discovered that submerged arc welding filler wire and flux combinations were not controlled in a manner to assure the required combinations were used.

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 to determine the impact and extent of the identified issue. Additional time is needed to complete testing and evaluation of the material combinations. It is currently expected that the evaluation of these conditions will be completed by September 19, 2014, or an updated interim report will be provided by that date.

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

Sincerely,

Don DePierro
Senior Vice President, Nuclear

cc: Regional Administrator, USNRC, Region II

Attachment

IE19
NRO

UPDATED INTERIM 10 CFR PART 21 REPORT REGARDING CB&I LAKE CHARLES WELDING MATERIAL NONCONFORMANCE FOR AP1000 MODULE FABRICATION

This report is being provided as an updated 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. CB&I Lake Charles has supplied basic components associated with modular construction for the V. C. Summer and Vogtle AP1000 nuclear projects. It was discovered that CB&I Lake Charles did not control submerged arc welding filler wire and flux combinations in manner to assure the required combinations were used. The current extent of the deviations being evaluated are associated with CB&I Lake Charles Welding Procedure Specifications 1-10-212, 10-10-211, and 10-10-299, which were used for fabricating sub-modules CA20-10 and CA20-12 that were delivered for use at V. C. Summer Unit 2 and Vogtle Unit 3 nuclear projects. If any additional impact is found during the course of the evaluation, these impacts will be included in this evaluation, as appropriate.

(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 being evaluated pertain to control of some welding wire and flux combinations that were used for welding of construction modules for the V. C. Summer and Vogtle AP1000 nuclear projects. The affected module components were 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.

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

The discovery date of the deviation is March 24, 2014, based on information received from CB&I Lake Charles regarding this deviation by letter on that date.

(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.

Corrective actions are in the process of being determined for this condition. The resolution of the deviations is expected to provide information needed to complete the evaluation required by 10 CFR Part 21. It is currently expected that the evaluation of these conditions will be completed by September 19, 2014, or another interim report will be provided by that date. Additional time is needed to complete testing and evaluation of the material combinations.

(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 at this time.

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

Not applicable.