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10 CFR 21.21

July 1, 2015

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

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING A STRUCTURAL MODULE  
PENETRATION FOR THE VOGTLE UNIT 3 AP1000® PROJECT

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21  
pertaining to nonconformance associated with a structural module piping penetration for the  
Vogtle Unit 3 AP1000® nuclear project.

Evaluation of reportability in accordance with 10 CFR Part 21 is not able to be completed within  
the 60-day evaluation period. Additional time is needed to collect data pertaining to the  
identified nonconformance and to complete the evaluation.

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

Sincerely,

Kelly Trice  
Senior Vice President, Nuclear

cc: Regional Administrator, USNRC, Region II

Attachment

IE19  
HRO

INTERIM 10 CFR PART 21 REPORT REGARDING A STRUCTURAL MODULE PIPING  
PENETRATION FOR THE 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.

Kelly Trice  
Senior Vice President  
CB&I Power  
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.

This is an interim report. The deviation being evaluated pertains to apparent grinder marks on the surface of a structural module piping penetration for the Vogtle Unit 3 AP1000® nuclear project. The piping penetration is for a wall penetration associated with Pressurizer instrumentation piping for the Vogtle Unit 3 AP1000® Project.

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

This is an interim report. The construction activities for the Vogtle AP1000® nuclear project are being performed by CB&I Power, 128 S. Tryon St., Charlotte, NC 28202. This pipe penetration for structural module CA-01 was fabricated by CB&I Laurens and installed in the CA01-36 submodule by CB&I Lake Charles. The fabricated CA01-36 submodule with the affected pipe penetration was supplied by CB&I Lake Charles to CB&I Power for use in the Vogtle Unit 3 AP1000® Project. It is not currently known if the deviation was introduced on the pipe penetration by CB&I Lake Charles or CB&I Laurens.

(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.

This is an interim report. Further evaluation is required for a piping penetration that has apparent grinder marks on the piping penetration surface. This piping penetration is in structural module CA01 for Pressurizer instrumentation piping for Vogtle Unit 3. The piping penetration is identified as ASME III Class 2 Reactor Coolant System (RCS) 1-inch Schedule 80, SA312 TP304L grade stainless steel material.

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

The discovery date of the deviation that requires evaluation is May 5, 2015, based on the nonconformance report that identifies the deviation. Evaluation of reportability in accordance with 10 CFR Part 21 is not able to be completed within the 60 day evaluation period. Additional time is needed to collect data pertaining to the identified nonconformance and complete the evaluation. Evaluation of the condition is expected to be completed by September 2, 2015.

(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.

This is an interim report.

(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.