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10 CFR 21.21

December 8, 2015

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

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING WALL PENETRATION
CORROSION FOR VOGTLE UNIT 4 AND V. C. SUMMER UNIT 3 AP1000®
PROJECTS

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to the identification of deviations associated with wall penetrations with some corrosion being supplied for the V. C. Summer Unit 3 and Vogtle Unit 4 AP1000® projects. The deviations are associated with the purchaser supplied materials that were provided for structural module fabrication.

Evaluation of reportability in accordance with 10 CFR Part 21 is not able to be completed within the 60-day evaluation period due to the need for additional time to collect and evaluate the necessary information. It is currently expected that the evaluation of these conditions will be completed by January 29, 2016.

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

cc: Regional Administrator, USNRC, Region II

Attachment

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NRD

INTERIM 10 CFR PART 21 REPORT REGARDING WALL PENETRATION CORROSION
FOR VOGTLE UNIT 4 AND V. C. SUMMER UNIT 3 AP1000® PROJECTS

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.

Don DePierro
Senior Vice President
CB&I
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. The basic components being supplied are wall penetrations to be used for fabrication of the CA01 structural modules for the V. C. Summer Unit 3 and Vogtle Unit 4 AP1000® projects. The wall penetrations are steel cylinders used to form wall openings that allow piping systems to pass through the structural module walls. The following list is the identified nonconforming penetrations for V. C. Summer Unit 3 (VS3) and Vogtle Unit 4 (SV4):

SV4-11202-ML-P01-1
SV4-11202-ML-P02-1
SV4-11300-ML-P37-1
SV4-11403-ML-P02-1
SV4-11403-ML-P03-1
SV4-11403-ML-P01-1
SV4-11403-ML-P08-1
VS3-11202-ML-P01-1
VS3-11202-ML-P02-1
VS3-11403-ML-P02-1
VS3-11403-ML-P01-1
VS3-11403-ML-P03-1

These wall penetrations are associated with various systems, including the Reactor Coolant, Chemical and Volume Control, Primary Sampling, and the Normal Residual Heat Removal Systems.

(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 wall penetration material was supplied by CB&I Power to IHI Corporation in Japan for the fabrication of CA01 structural modules. CB&I Power is located at 128 South Tryon Street Charlotte, NC 28202.

(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 identified deviations are associated with wall penetrations with some corrosion. The corrosion was found during planned receipt inspections for purchaser supplied material at IHI Corporation in Japan. Therefore, the conditions were discovered prior to use of the material. Evaluation of the condition is expected to be completed by January 29, 2016.

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

The discovery dates of these deviations are based on the dates of the associated CB&I Power Nonconformance & Disposition Reports (N&D). The earliest N&D was initiated on October 9, 2015. Evaluation of reportability in accordance with 10 CFR Part 21 is not able to be completed within the 60-day evaluation period due to the need for additional time to collect and evaluate the necessary information. It is currently expected that the evaluation of these conditions will be completed by January 29, 2016.

(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.

(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.