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10 CFR 21.21

April 10, 2017

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

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING INDETERMINATE
NONDESTRUCTIVE EXAMINATION (NDE) TEST REPORTS FOR V.C.
SUMMER UNITS 2 AND 3 AND VOGTLE UNITS 3 AND 4 AP1000® PROJECTS

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21
pertaining to the use of for spools shipped to V.C. Summer Units 2 and 3 and Vogtle Units 3 and
4 AP1000® nuclear projects.

Evaluation of reportability in accordance with 10 CFR Part 21 was not completed within the
60-day evaluation period. Additional time is needed to collect additional data pertaining to the
indeterminate quality of bends and complete the evaluation. This issue was identified in the
NRC Inspection report 99901432/2017-201, dated March 30, 2017.

If you have any questions pertaining to this information, please contact Matt Rossignol, CB&I
Laurens Quality Assurance Manager, at 864-683-3986.

Sincerely,

4-10-17

Brian Gibson
Quality Director, Fabrication Services

cc: Regional Administrator, USNRC, Region II

Attachment

IEA
NRD

INTERIM 10 CFR PART 21 REPORT REGARDING INDETERMINATE
NONDESTRUCTIVE EXAMINATION (NDE) TEST REPORTS FOR V.C. SUMMER UNITS
2 AND 3 AND VOGTLE UNITS 3 AND 4 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.

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Group Vice President, Fabrication Services
CB&I
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2103 Research Forest Drive
The Woodlands, TX
77380

(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 deviations being evaluated pertain to indeterminate NDE ultrasonic test (UT) bend reports for spools identified in a corrective action report (CAR-2017-048 previously CAR 584). The scope of the indeterminate UT reports has been determined to be 100 spools that have been delivered to the sites. This evaluation is to support spools fabricated by Chicago Bridge and Iron (CB&I) Laurens, 366 Old Airport Road, Laurens, SC. The material was supplied to the V.C. Summer and Vogtle AP1000® nuclear projects.

(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 V.C. Summer and Vogtle AP1000® projects, which include procurement of the piping assemblies, are being performed by WECTEC LLC, 3735 Glen Lake Drive, Charlotte, NC 28208.

(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. The UT inspection in question pertains to possible indeterminate inspection performed due to potential falsification of records by a previously employed NDE technician. It is currently planned that re-inspection will be performed by properly qualified NDE technicians to support the evaluation of possible defects in pipe bends on which UT thickness inspections were performed. Evaluation of the condition is expected to be completed by July 10, 2017.

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

The discovery date of the deviations that require evaluation is May 4, 2015, based on the nonconformance reports and corrective action report that identify the deviations. Evaluation of reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60 day evaluation period. Additional time is needed to collect additional data pertaining to the identified potential nonconformances, perform causal analysis, and complete the evaluation. This issue was identified in the NRC Inspection report 99901432/2017-201, dated March 30, 2017.

(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.