

January 26, 2017

52-025/026  
52-027/028

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

**SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING PRESSURIZER UPPER SUPPORT RING GIRDER STRUT LUGS TEST COUPON NONCONFORMANCE FOR VOGTLE UNITS 3 & 4 AND V. C. SUMMER UNITS 2 & 3 AP1000@ PROJECTS**

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to strut lugs for the pressurizer upper support ring girders that were supplied for the Vogtle Units 3 & 4 and V. C. Summer Units 2 & 3 AP1000@ projects. Based on information contained in a Nonconformance and Disposition (N&D) report, the material subjected to heat treatment during construction is required to have associated test coupons with simulated postweld heat treatment. Specifically, the N&D report states that test coupons of the supplied material were not generated with the required simulated postweld heat treatment.

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 this condition will be completed by June 16, 2017.

If you have any questions pertaining to this information, please contact Curtis Castell, Licensing Manager, at 980-859-6373.

Sincerely,



David Durham  
President  
WECTEC LLC

cc: Regional Administrator, USNRC, Region II

Attachment

ZE19  
NRD

**INTERIM 10 CFR PART 21 REPORT REGARDING PRESSURIZER UPPER SUPPORT RING  
GIRDER STRUT LUGS TEST COUPON NONCONFORMANCE FOR VOGTLE UNITS 3 & 4  
AND V. C. SUMMER UNITS 2 & 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.

David Durham  
President  
WECTEC LLC  
3735 Glen Lake Drive  
Charlotte, NC 28208

(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. Based on information contained in a Nonconformance and Disposition (N&D) report, the material subjected to heat treatment during construction is required to have associated test coupons with simulated postweld heat treatment. Specifically, the N&D report states that test coupons of the supplied material were not generated with the required simulated postweld heat treatment.

The struts supplied for the Vogtle Units 3 & 4 and V. C. Summer Units 2 & 3 AP1000® projects include lugs that will be welded to the pressurizer upper support ring girder. ASME Section III, NF-2200, "Material Test Coupons and Specimens for Ferritic Steel Material," requires that test coupons be subjected to the applicable simulated heat treatment.

The condition was discovered at Aecon Industrial, 150 Sheldon Drive, Cambridge, Ontario, N1R 7K9 Canada. The struts had been delivered to Aecon for use in fabrication of the Q601 Mechanical Modules for the Stages 1, 2, 3 Automatic Depressurization System (ADS). As part of the AP1000® design, the Q601 Mechanical Modules include the pressurizer upper support ring girders and associated attachment struts.

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

Construction activities, which includes procurement of these materials for the Vogtle and V.C. Summer AP1000® projects, are being performed by WECTEC LLC. The affected material was supplied to Aecon Industrial by Lisege SE, Gerhard-Liesegang-Straße 1, 27404 Zeven, Germany, based on a purchase order from WECTEC LLC.

(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.

Evaluation of the condition is expected to be completed by June 16, 2017. The nonconforming conditions have been identified and will be resolved via the N&D process.

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

The weld deviations were identified in an N&D report dated November 30, 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.