

10 CFR 21.21

June 30, 2016

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

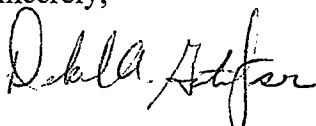
SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING WELD DEVIATIONS ON  
EMBEDMENTS AND OVERLAY PLATES FOR THE VOGTLE UNIT 4 AP1000®  
PROJECT 52-026

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to weld deviations on embedments and overlay plates being supplied for the Vogtle Unit 4 AP1000® project. Based on information in two inspection reports, sixteen (16) weld deviations were found on eleven (11) embedments and overlay plates associated with structural module CA20 that require further evaluation. The deviations are associated with material supplied by Oregon Iron Works (a Vigor Industrial Company) as part of CA20 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 September 2, 2016.

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

Sincerely,



Deborah A. Gustafson  
Vice President of Engineering  
WECTEC LLC

cc: Regional Administrator, USNRC, Region II

Attachment

IE19/DOE  
NRO

INTERIM 10 CFR PART 21 REPORT REGARDING WELD DEVIATIONS ON EMBEDMENTS  
AND OVERLAY PLATES FOR THE VOGTLE UNIT 4 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.

Deborah A. Gustafson  
Vice President of Engineering  
WECTEC LLC  
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. Based on information in two inspection reports, sixteen (16) weld deviations were found on eleven (11) embedments and overlay plates associated with structural module CA20 that require further evaluation for the Vogtle Unit 4 AP1000® project.

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

The weld deviations are associated with the Vogtle Unit 4 CA20 structural module components, which are being supplied by Oregon Iron Works (a Vigor Industrial Company). Oregon Iron Works is located at 9700 S.E. Lawnfield Rd., Clackamas, OR 97015.

(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.

The weld deviations include undercut, undersize, improper profile, porosity, spatter, and grinder marks. Weld deviations could cause the affected components to not perform as required. The affected embedments and overlay plates provide connections for various systems, structures, and components associated with the Vogtle Unit 4 CA20 structural module. Evaluation of the condition is expected to be completed by September 2, 2016.

(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, 2016, based on the date of the earliest inspection report that originally identified the deviations. 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 September 2, 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.