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10 CFR 21.21

September 16, 2014

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

**SUBJECT: UPDATED INTERIM 10 CFR PART 21 REPORT REGARDING EMBEDMENT  
AND REBAR DEVIATIONS FOR VOGTLE UNITS 3 AND 4 AP1000 PROJECT**

The attachment to this letter provides an updated interim report in accordance with 10 CFR 21.21 pertaining to rebar and embedment deviations for the Vogtle Units 3 and 4 AP1000 nuclear project. Based on information described in site quality control inspection reports, deviations were identified in some safety-related embedments and rebar. The initial interim report was provided by letter dated September 4, 2014. This update is needed to add additional circumstances that were found.

Evaluation of reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60-day evaluation period due to the recent discovery that the initial evaluation of these conditions incorrectly determined that no additional evaluation was required. These conditions were discovered during reviews conducted due to discovery of other similar conditions. It is currently expected that the evaluation of these conditions will be completed by October 7, 2014.

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, Nuclear

cc: Regional Administrator, USNRC, Region II

Attachment

IE19  
NRD

UPDATED INTERIM 10 CFR PART 21 REPORT REGARDING EMBEDMENT AND  
REBAR DEVIATIONS FOR VOGTLE UNITS 3 AND 4 AP1000 PROJECT

This report is being provided as an updated interim report in accordance with 10 CFR 21.21. Two additional inspection reports were found. The discovery dates associated with these inspection reports are October 11, 2012, and February 14, 2013. These additional discovery dates have been added to Section (v) below and the additional nonconformances of #5 rebar were added in Section (iv).

(i) Name and address of the individual or individuals informing the Commission.

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(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 identified deviations pertain to some Vogtle Units 3 and 4 AP1000 nuclear project rebar and embedments.

(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 rebar with deviations was supplied by Gerdau Long Steel North America (also known as Gerdau Ameristeel), 4221 W. Boy Scout Blvd., Suite 600, Tampa, FL, USA 33607. The embedments with deviations were supplied by Cives Steel Company, 102 Airport Road, Thomasville, GA 31757.

(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 deviations pertaining to rebar include nonconforming thread for eighteen (18) #5 rebar and one #9 rebar. The deviations pertaining to the safety-related embedments include 2 embedment plates with lack of base metal repair, three embedment plates with out-of-tolerance dimensions, and one embedment plate with unsatisfactory welds. Evaluation of these conditions is expected to be completed by October 7, 2014.

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

The discovery dates of the deviations based on the dates of the inspection reports are October 11, 2012, February 14, 2013, September 10, 2013, June 18, 2014, July 7, 2014, and July 10, 2014. Evaluation of reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60 day evaluation period due to the recent discovery that the initial evaluation of these conditions incorrectly determined that no additional evaluation was required. This condition was discovered during reviews conducted due to discovery of other similar conditions.

(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.