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10 CFR 21.21

February 10, 2015

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

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING OVERLAY PLATE  
MECHANICAL COUPLER WELDS FOR V.C. SUMMER UNIT 2 AP1000®  
PROJECT

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to overlay plate mechanical coupler welds supplied for the V.C. Summer Unit 2 AP1000® nuclear project. Based on information in quality assurance inspection reports, the deviations that require evaluation include weld profile nonconformances and weld porosity.

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 additional time is needed to allow input from the design authority. It is currently expected that the evaluation of these conditions will be completed by April 10, 2015.

If you have any questions pertaining to this information, please contact Curtis Castell, Licensing Manager, at 980-321-8314.

Sincerely,

Michael Hickey  
Senior Vice President

cc: Regional Administrator, USNRC, Region II

Attachment

IE19

INTERIM 10 CFR PART 21 REPORT REGARDING OVERLAY PLATE MECHANICAL  
COUPLER WELDS FOR V.C. SUMMER UNIT 2 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.

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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. Deviations were found in mechanical coupler welds on overlay plates. These overlay plates were received from SMCI Division of MetalTek International. The deviations being evaluated include some identified circumstances of weld profile nonconformances and weld porosity. The couplers are welded to the overlay plates to provide attachment locations for threaded rebar. The overlay plates provide attachment locations for structural beams or various plant equipment, e.g., piping supports, cable trays, and other plant equipment.

(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 overlay plates were supplied by SMCI Division of MetalTek International, 4015 Drane Field Road, Lakeland, FL 22813.

(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. Evaluation of these conditions is expected to be completed by April 10, 2015.

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

The initial discovery date of the deviations that require evaluation is December 12, 2014, based on the earliest dated inspection report that originally documented discovery of the deviations. 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 additional time is needed to allow input from the design authority. It is currently expected that the evaluation of these conditions will be completed by April 10, 2015.

(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.