



L-SMS-USNRC-000001  
10 CFR 21.21

08 February 2013

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

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING INDETERMINATE STATUS  
OF REBAR SPLICES USED FOR MODULES BEING SUPPLIED TO AP1000  
PROJECTS VOGTLE UNIT 3 AND V. C. SUMMER UNIT 2

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to the identification of noncompliances and deviations associated with rebar mechanical couplings contained within modules being supplied as basic components for the Vogtle Unit 3, and V. C. Summer Unit 2, nuclear projects.

The evaluation of potential reportability in accordance with 10 CFR Part 21 could not be completed within the 60 day evaluation period due to the time needed to determine the qualification status of rebar splices used in supplied modules. It is currently expected that the determination of qualification status of the rebar splices will be made by 30 May 2013. If additional evaluation is required after the qualification status of the mechanical couplers is determined, information will be provided regarding the proposed completion date of that activity.

Sincerely,

Kevin Walsh  
Executive Vice President  
Shaw Modular Solutions

cc: Regional Administrator, USNRC, Region II  
Gabby Sonnier, Shaw Modular Solutions

Attachment: SMS Document No. L-SMS-USNRC-000001

KMW/gcs

IE19  
NRO

INTERIM 10 CFR PART 21 REPORT REGARDING INDETERMINATE STATUS OF REBAR SPLICES USED FOR MODULES BEING SUPPLIED TO AP1000 PROJECTS VOGTLE UNIT 3 AND V. C. SUMMER UNIT 2

This report is being provided as an interim report in accordance with 10 CFR 21.21. The evaluation of potential reportability in accordance with 10 CFR Part 21 could not be completed within the 60 day evaluation period due to the number of components found with noncompliances and deviations. Therefore, it has not yet been determined if any of the identified conditions are reportable under 10 CFR Part 21 or 10 CFR 50.55(e). It is currently expected that the determination of the qualification status of the rebar splices will be made by 30 May 2013. If additional evaluation is required after the qualification status of the rebar splices is determined, information will be submitted pertaining to the proposed completion date of that activity.

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

Kevin Walsh  
Executive Vice President  
Shaw Modular Solutions  
3191 West Lincoln Rd.  
Lake Charles, LA 70605

***(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.***

The Mechanical Rebar Splices installed in modules supplied to AP1000 projects Summer and Vogtle.

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

Shaw Modular Solutions  
3191 West Lincoln Rd.  
Lake Charles, LA 70605

***(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.***

SMS installed rebar splices in safety-related structural modules that were not properly qualified by the requisite qualification and production testing program as established in procurement specification requirements for these modules.

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

06 December 2012 [Please note that the date of this interim report submission exceeds 60 days due to inadvertent miscommunication by SMS personnel pertaining to the need and due date for this report. A corrective action report has been generated and entered in the SMS corrective action program to evaluate the cause of the failure to meet the 60 day reporting requirement.]

***(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.***

The Mechanical Rebar Splices installed in modules supplied to AP1000 projects Summer and Vogtle.

***(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.***

After identification of this issue, SMS provided information to the purchaser (Shaw Power Group, Inc) that described the circumstances of this deviation and the plan to conduct actions to determine and evaluate the potential impact of the failure to follow the required qualification processes for the affected rebar splices. As of 08 February 2013, the actions needed to complete these determinations had not been completed. Therefore, this interim report is being provided. Currently there is no evidence that would indicate any of the rebar splices with indeterminate status would pose a substantial safety hazard or cause a potential defect to be installed. 17 of the 30 individuals known to have fabricated these splices have completed qualification with 100% success rate. As previously stated, SMS continues to evaluate the circumstances of this deviation and expects to determine the qualification status of the rebar splices by 30 May 2013. If additional evaluation is required after the qualification status of the rebar splices is determined, information will be submitted pertaining to the proposed completion date of that activity.

***(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.

***(ix) In the case of an early site permit, the entities to whom an early site permit was transferred.***

Not applicable.