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L-CBILC-USNRC-000018
10 CFR 21.21

September 24, 2013

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

SUBJECT: 10 CFR Part 21, 60-Day interim report regarding the evaluation status of mechanical splices supplied to AP1000 Projects, Vogtle Unit 3 and V. C. Summer Unit 2.

REFERENCE:

- 1) Letter from Kevin Walsh to U.S. Nuclear Regulatory Commission, Document Control Desk, L-SMS-USNRC-000001, dated February 8, 2013.
- 2) Letter from Kevin Walsh to U.S. Nuclear Regulatory Commission, Document Control Desk, L-CBI-USNRC-000003, dated May 29, 2013.
- 3) Letter from Kevin Walsh to U.S. Nuclear Regulatory Commission, Document Control Desk, L-CBILC-USNRC-000012, dated July 24, 2013.

CBI Lake Charles (CBI-LC) provided an interim report (reference 3) to the NRC regarding an ongoing 10CFR Part 21 evaluation that could not be completed within 60-days from the discovery of the deviation. This deviation is related to Mechanical Splices delivered to AP1000 Projects, Vogtle Unit 3 and V. C. Summer Unit 2.

A test plan was developed by CBI-LC and submitted to the Design Authority for approval. This plan was executed and has been dispositioned "Use-As-Is" by the Design Authority. This "Use-As-Is" disposition is contingent upon additional qualification testing currently being performed by the coupler manufacturer. The evaluation to determine if this deviation is reportable per §21.21(d), could not be completed within 60-days because of the number of components and the complexity. Therefore, an interim report in accordance with §21.21(a) (2) is provided in the attachment.

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DO92
M120

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Walsh', with a long horizontal flourish extending to the right.

Kevin Walsh
Executive Vice President, CB&I LC

cc: Regional Administrator, USNRC, Region II

Attachment(s): **Attachment 1** to L-CBILC-USNRC-000018



60-Day Interim Report Notification per 10CFR 21.21(a) (2)

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

Kevin Walsh
Executive Vice President
CBI Lake Charles
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.

Structural modules containing mechanical rebar splices, 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.

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(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.

CBI Lake Charles [previously called Shaw Modular Solutions (SMS)] installed mechanical spliced rebar sections in safety-related, structural modules. These splices were not tested by the requisite qualification and production-testing program as established in the procurement specification.

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

The deviation was identified in a Condition Report initiated on November 28, 2012.

(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.

Structural modules containing mechanical rebar splices, supplied to AP1000 projects, Summer Unit 2 and Vogtle Unit 3.

(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 discovery of the deviation, CBI Lake Charles notified the purchaser (Shaw Power Group, Inc, now called CBI Power) that a deviation was discovered and an investigation was being conducted.

A test plan was developed by CBI-LC and submitted to the Design Authority for approval. This plan was executed and has been dispositioned "Use-As-Is" by the Design Authority.

Erico International Corporation is currently performing additional manufacturer qualification testing. This testing is expected to be completed by October 31, 2013.

CBI-LC is utilizing Corrective Action, CR-2012-1343 to track the evaluation and testing progress.

(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.