

Part 21 (PAR)

Event # 51075

Rep Org: CHICAGO BRIDGE AND IRON		Notification Date / Time: 05/17/2015 11:28 (EDT)	
Supplier: CHICAGO BRIDGE AND IRON		Event Date / Time: 03/18/2015 (CDT)	
Last Modification: 05/17/2015			
Region: 4	Docket #:		
City: THE WOODLANDS	Agreement State:	Yes	
County:	License #:		
State: TX			
NRC Notified by: ADAM MOHR		Notifications: BRIAN BONSER	R2DO
HQ Ops Officer: VINCE KLCO		JACK WHITTEN	R4DO
Emergency Class: NON EMERGENCY		PART 21/50.55 REACTORS	EMAIL
10 CFR Section:			
21.21(a)(2) INTERIM EVAL OF DEVIATION			

MEASURING AND TEST EQUIPMENT DEFICIENCIES

The following information was received by facsimile:

"This report is being provided as an interim report in accordance with 10CFR 21.21.

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

Adam Mohr; President, Fabrication and Manufacturing; CB&I; One CB&I Plaza; 2103 Research Forest Drive; The Woodlands, TX; 77380.

"(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.

This is an interim report. The deviations being evaluated pertain to deficiencies identified within the Measuring and Test Equipment program at Chicago Bridge and Iron (CB&I) Laurens, 366 Old Airport Road, Laurens, SC.

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

This is an interim report. The construction activities for the V.C. Summer [Units 2 and 3] and Vogtle AP1000® [Units 3 and 4] nuclear projects, which include procurement of the piping assemblies, are being performed by CB&I Power, 128 S. Tryon St., Charlotte, NC 28202.

"(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.

TE19
NRD

This is an interim report. The evaluations of vendors and previously performed calibrations is under evaluation and equipment in question is being re-calibrated by an approved lab and evaluated for extent of condition. Additionally, causal analysis is being performed that is expected to provide relevant information pertaining to the cause of the deviations and if any quality assurance breakdowns may have occurred that could have produced a defect. Evaluation of the condition is expected to be completed by June 26, 2015.

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

The discovery date of the deviations that require evaluation is March 18, 2015, based on the nonconformance reports and C/PAR that identify the deviations. Evaluation of reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60 day evaluation period. Additional time is needed to collect additional data pertaining to the identified nonconformances, perform causal analysis, and complete the evaluation.

"(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."



CB&I
366 Old Airport Road
Laurens, SC 29360
Tel: +1 864 682 4000
www.CBI.com

Cover Letter

To: U.S. Nuclear Regulatory Commission
Document Control Desk
Fax (301) 816-5151

From: CB&I Laurens, Inc.

Subject: Interim 10 CFR Part 21 Report Regarding Measuring and Test Equipment deficiencies for V.C. Summer Units 2 and 3 and Vogtle Units 3 and 4 AP1000 Nuclear Projects.

No. of Pages including cover: 4

A hard copy of the attached report has also been mailed to:

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



CB&I Laurens
PO Box 1199
366 Old Airport Rd.
Laurens, SC 29360
www.CBI.com

10 CFR 21.21

May 17, 2015

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

**SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING MEASURING AND TEST
EQUIPMENT DEFICIENCIES FOR V.C. SUMMER UNITS 2 AND 3 AND
VOGTLE UNITS 3 AND 4 AP1000® NUCLEAR PROJECTS**

The attachment to this letter provides an interim report in accordance with 10 CFR 21.21 pertaining to Measuring and Test Equipment deficiencies for V.C. Summer Units 2 and 3 and Vogtle Units 3 and 4 AP1000® nuclear projects.

Evaluation of reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60-day evaluation period. Additional time is needed to collect additional data pertaining to the identified nonconformances, perform causal analysis, and complete the evaluation.

If you have any questions pertaining to this information, please contact Sven Akerman, CB&I Laurens Quality Manager, at 864-683-3986.

Sincerely,

A handwritten signature in cursive script that reads "Adam W. Mohr".

Adam Mohr
President, Fabrication and Manufacturing

cc: Regional Administrator, USNRC, Region II

Attachment

Attachment to Letter Dated April 25, 2015
Page 1 of 2

**INTERIM 10 CFR PART 21 REPORT REGARDING MEASURING AND TEST
EQUIPMENT DEFICIENCIES FOR V.C. SUMMER UNITS 2 AND 3 AND VOGTLE UNITS
3 AND 4 AP1000® NUCLEAR PROJECTS**

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.

Adam Mohr
President, Fabrication and Manufacturing
CB&I
One CB&I Plaza
2103 Research Forest Drive
The Woodlands, TX
77380

(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.

This is an interim report. The deviations being evaluated pertain to deficiencies identified within the Measuring and Test Equipment program at Chicago Bridge and Iron (CB&I) Laurens, 366 Old Airport Road, Laurens, SC.

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

This is an interim report. The construction activities for the V.C. Summer and Vogtle AP1000® nuclear projects, which include procurement of the piping assemblies, are being performed by CB&I Power, 128 S. Tryon St., Charlotte, NC 28202.

(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.

This is an interim report. The evaluations of vendors and previously performed calibrations is under evaluation and equipment in question is being re-calibrated by an approved lab and evaluated for extent of condition. Additionally, causal analysis is being performed that is expected to provide relevant information pertaining to the cause of the deviations and if any quality assurance breakdowns may have occurred that could have produced a defect. Evaluation of the condition is expected to be completed by June 26, 2015.

Attachment to Letter Dated April 25, 2015
Page 2 of 2

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

The discovery date of the deviations that require evaluation is March 18, 2015, based on the nonconformance reports and C/PAR that identify the deviations. Evaluation of reportability in accordance with 10 CFR Part 21 was not able to be completed within the 60 day evaluation period. Additional time is needed to collect additional data pertaining to the identified nonconformances, perform causal analysis, and complete the evaluation.

(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.