



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

10 CFR 21.21

June 26, 2015

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

SUBJECT: INTERIM 10 CFR PART 21 REPORT REGARDING ONE INCH SCHEDULE 80  
A312 STAINLESS STEEL, CLASS 2 AND CLASS 3 SEAMLESS PIPE 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 nonconformances associated with 1" Sch. 80 SA312 TP304L, CL.2 and CL.3  
SMLS pipe for V.C. Summer Units 2 and 3 and Vogtle Units 3 and 4 AP1000® nuclear projects.

An interim report was submitted to the NRC on April 25, 2015 due to evaluation of reportability  
in accordance with 10 CFR Part 21 not being 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 Matt Rossignol, CB&I  
Laurens Quality Manager, at 864-683-3986.

Sincerely,

Brian Gibson  
Quality Director, Fabrication and Manufacturing

cc: Regional Administrator, USNRC, Region II

Attachment

10 CFR 21.21

10 CFR 21.21

10 CFR 21.21

10 CFR 21.21

10 CFR 21.21

IE19  
D092  
D083  
NRD

INTERIM 10 CFR PART 21 REPORT REGARDING ONE INCH SCHEDULE 80 A312  
STAINLESS STEEL, CLASS. 2 AND CLASS 3 SEAMLESS PIPE 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 potential minimum wall violations of one inch schedule 80 A312 Stainless Steel, Class 2 and Class 3 Seamless pipe for V.C. Summer Units 2 and 3 and Vogtle Units 3 and 4 AP 1000® Nuclear Projects. This piping has been purchased and fabricated by 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 pipe wall thickness deviations were discovered in piping spools being fabricated by CB&I Laurens. No piping with wall thickness deviations has been identified as delivered to any purchaser at this time, although further investigation is required. 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 July 31, 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 February 27, 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.