

LAKESIDE BRIDGE & STEEL CO.

5300 N. 33RD STREET, MILWAUKEE, WISCONSIN 53209
462-5900, AREA CODE 414

STRUCTURAL STEEL • WELDMENTS • CUSTOM MACHINERY

July 10, 1980

L.B.&S.Co. Letter Q.A.-1010

United States Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Gentlemen:

Pursuant to your request the following is Lakeside Bridge & Steel Company reply to NRC Report No. 99900342/80-01 regarding the status of the radiographic film on contracts requiring X-ray which was performed by McManus Inspection Services for L.B.&S.Co. The following contracts were involved:

C-9022	Pipe Restraints	North Anna 1 & 2	Virginia Electric Power
C-9040	Polar Crane Girders	Farley Nuclear Plant	Alabama Power
C-9112	NSSS Support Steel	Virgil Summer	So. Carolina Electric & Gas Co.
C-9126-36	Pipe Whip Restraints	St Lucie #2	Florida Power & Light Co.
*C-9144	RPV Pedestal	Phipps Bend	T.V.A.
*C-9161	Dry Well Vent Structure	Hartsville	T.V.A.
C-9182	Steam Generator & RV Supports	Marble Hill	Public Service of Indiana
*C-9210	Equipment Hatch	Catawba	Duke Power
C-9211	RPV Support	Black Fox	Public Service of Oklahoma
*C-9218	Steam Generator Enclosure	Catawba	Duke Power
C-9233	Pipe Restraints	Nine Mile Point	Niagra

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LAKESIDE BRIDGE & STEEL CO.
MILWAUKEE, WISCONSIN 53209

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The job numbers identified with an asterisk(*) have undergone an evaluation, with corrective action taken. The remaining contracts have been evaluated and have been determined to be acceptable with the exception of Contract 9182. On contract 9182 sheet 40 the wrong penetrameter was used on 64 radiographs.

Per the 1974 ASME Code a number 20 penetrameter must show a 2T hole which the affected films show. The Winter of 1976 ASME Code changes the essential holes from 2T (0.040) to 4T (0.080) consequently the films in question have a better quality level than is necessary. Acceptance is in the process of being resolved with the utility.

Of the above mentioned 64 radiographs, eight (8) radiographs do not meet the density requirements of 2.0 for single film viewing or 2.6 for composite viewing.

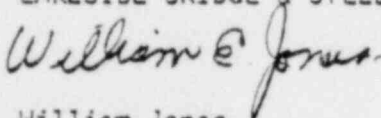
The remaining radiographs on contract 9182 have been found to be acceptable to the applicable codes and standards.

Enclosed are the following documents informing Public Service of Indiana and Sargent & Lundy of the problem.

- 1) Letter of Transmittal
- 2) Two (2) Nonconformance Reports

Sincerely,

LAKESIDE BRIDGE & STEEL CO.



William Jonas
NDE Level III

WJ:cw

cc: Gordon Behnke
Robert Rozek
ANI-Dave Tarkowski

July 9, 1980

Sargent & Lundy Engineers
55 East Monroe Street
Chicago, IL 60603

Attention: Mr. O. Zaben
Senior Structural Project Engineer

Reference: Public Service Indiana
Marple Hill Nuclear Generating Station
Units 1 and 2
Specification Y-2797
NSSS Supports
Project No. 4808-00
L. B. & S. Co. Contract 9182

Gentlemen:

Enclosed please find three (3) copies of each Nonconformance Report Nos. 790-82 and 791-82 for your review and approval.

This is a reportable 10 CFR Part 21.

We would appreciate your usual prompt approval; however, if there should be any questions please contact us. Thank you.

Very truly yours,

LAKESIDE BRIDGE & STEEL CO.

Ron Kubit
Chief Structural Engineer

RK:kk

Enclosures

cc: F. R. Hodges, PSI w/1
A. Morcos, S&L w/1
S. Putman, S&L w/1-telecopy
QA, LBS

NONCONFORMANCE REPORT # 790-82

CONTRACT C-9182

CUSTOMER Public Service of Indiana

PAGE 1 OF 1

Vendor		Part: <u>Upper Lateral Embeds</u>			
Material	LBS Code #	Sht. <u>40</u>	Det. <u>0</u>	Item <u>1</u>	Ser. <u>1-16</u>
P.O.#	Bill #	Item#	MPS	Area	Seq. <u> </u> Oper. <u> </u>

Description of Nonconformance, including size of item (See additional Pages attached)

Radiography of material listed was performed using wrong penetrameters. ASME penetrameters were used instead of ASTM.

Items have been shipped to the field.

Submitted by W. E. Jones Date 7/8/80

Recommended Dispositions:

Use as is, 2T quality of radiographs is better than 1T required by code.

All other items shipped to the field are acceptable and the radiography complies to ASME requirements.

DISPOSITION APPROVED BY LAKESIDE BRIDGE & STEEL CO.

Chief Struc. Eng. Russell Hulst Date 7-8-80 Director of Q.A. Robert Ruch Date 7/8/80

Disposition Reviewed by Authorized Nuclear Inspector Date

Is discrepancy reportable according to 10CFR Part 21? Yes No
 Is corrective action required? Yes No
 Is customer approval required? Yes No

(Significant discrepancies adverse to quality must be approved by the customer if the discrepancy is not repairable or reworkable.)

Q.A. Reviewed by Robert Ruch Date 7/8/80

CUSTOMER APPROVAL Date

Approved Disposition Implemented by

Q.A. Representative Date

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 Q.C.2
 Q.C.3
 Q.C.4
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 Q.C.98
 Q.C.99
 Q.C.100

NONCONFORMANCE REPORT # 791-82

CONTRACT C-9182

CUSTOMER Public Service of Indiana

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Vendor			Part: <u>Upper Lateral Embeds</u>		
Material		LBS Code #	Sht. <u>40</u>	Det. <u>0</u>	Item <u>3</u> Ser. <u>1-16</u>
P.O.#	Bill #	Item#	MPS	Area	Seq. <u> </u> Oper. <u> </u>

Description of Nonconformance, including size of item (See additional Pages attached)

Radiography of items 1 thru 16 was performed using wrong penetrameters. ASME penetrameters were used in place of ASTM penetrameters. In addition, the following radiographs do not meet the density requirements of Section V ASME. (ITEMS HAVE BEEN SHIPPED TO THE FIELD).

- 40-0-3-2 W4 1-2 40-0-3-11 W4 1-2, W5 1-2
- 40-0-3-4 W4 1-2 40-0-3-15 W4 1-2, W5 1-2
- 40-0-3-6 W4 1-2
- 40-0-3-8 W5 1-2

Submitted by W. E. Jones Date 7/8/80

Recommended Disposition:

- 1) Use serial # 1,3,5,7,9,10,12,13,14 & 16 as is 2T quality of radiographs is better than 4T required by code.
- 2) Re-radiograph as follows:
 - 40-0-3-2 W4 1-2 40-0-3-6 W4 1-2 40-0-3-11 W4 1-2, W5 1-2
 - 40-0-3-4 W4 1-2 40-0-3-8 W5 1-2 40-0-3-15 W4 1-2, W5 1-2

All other items shipped to the field are acceptable and the radiography complies to ASME Code requirements.

DISPOSITION APPROVED BY LAKESIDE BRIDGE & STEEL CO.

Chief Ronald Eubank Date 7-8-80 of Q.A. Robert R. L. Date 7/8/80
Struc. Eng. Director

Disposition Reviewed by Authorized Nuclear Inspector Date

Is discrepancy reportable according to 10CFR Part 21? Yes No
Is corrective action required? Yes No
Is customer approval required? Yes No

(Significant discrepancies adversed to quality must be approved by the customer if the discrepancy is not repairable or reworkable.)

Q.A. Reviewed by Robert R. L. Date 7/8/80

CUSTOMER APPROVAL Date

Approved Disposition Implemented by

Q.A. Representative Date

Q.A. Prod. Cont. Q.A. Prod. Cont. Q.A. Prod. Cont.
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