



Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562
October 5, 1982

Mr. James P. O'Reilly
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 3100)
Atlanta, Georgia 30303

NRC-8

82 OCT 7 AM 10:00

USNRC REGION II
ATLANTA, GEORGIA

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1985-89 - 900,000 KW - UNITS 1 & 2
DEFICIENCIES IN WELDED STUDS ON EMBEDDED STRIP PLATES
ADDENDUM NO. 2 TO FINAL REPORT - ITEM 71

Dear Mr. O'Reilly:

Attached is Addendum No. 2 to the Final 10CFR50.55(e) Report issued to the NRC on March 19, 1982 for the above subject deficiency. This addendum shows all the shipments of embeds (Type II strip plates and crane rail plates) and any associated problems. Please attach this addendum to the March 19, 1982 Final Report.

If you have any questions regarding this matter, please contact me.

Yours very truly,

R. M. Parsons
Project General Manager
Shearon Harris Nuclear Power Plant

RMP/sh

Attachment

cc: Mr. G. Maxwell (NRC-SHNPP)
Mr. V. Stello (NRC)

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SHEARON HARRIS NUCLEAR POWER PLANT

UNIT NO. 1

DEFICIENCIES IN WELDED STUDS
ON EMBEDDED STRIP PLATES

ADDENDUM NO. 2 TO FINAL REPORT
ISSUED MARCH 19, 1982

October 5, 1982

In a September 17, 1982 exit by Mr. Jack Harris of your office, Item 400 CDR 82-071 was discussed in reference to what information would be required to close it. Mr. Harris stated that he would need to know the shipment dates for each shipment and the inspection provided for each shipment. Mr. A. M. Lucas, Senior Resident Engineer, informed Mr. Harris that receipt-inspection was performed on all shipments of embed plates per site procedures. When problems are discovered, corrective action is taken. Per a follow-up call on September 21, 1982 between Mr. A. M. Lucas and Mr. Tom Conlan, attached is a listing of shipments of embeds received from Alfab, Inc. and any associated problems.

<u>PURCHASE ORDER</u>	<u>DATE OF SHIPMENT</u>	<u>NUMBER OF PLATES</u>	<u>NUMBER OF PLATES/ STUDS INSPECTED</u>	<u>COMMENTS</u>
H-28931	11/3/80	193	32/50	Height and soundness for studs OK.
H-28931	11/18/80	385	50/50	Height and soundness for studs OK.
H-28931	11/20/80	384	50/50	RIR 80-221 was written as a result of one stud failing. The sample size was increased to 150. No further problems resulted.
H-28931	11/24/80	30	8/13	Height and soundness for studs OK.
H-28931	11/25/80	408	50/50	Height and soundness for studs OK.
H-28931	12/1/80	393	50/50	Height and soundness for studs OK.
H-28931	12/10/80	377	50/50	Height and soundness for studs OK.
H-28931	12/18/80	444	50/50	Height and soundness for studs OK.
H-28931	12/29/80	535	80/80	Height and soundness for studs OK.
H-28931	1/5/81	418	50/50	Height and soundness for studs OK.
H-28931	1/7/81	380	50/50	Height and soundness for studs OK.
H-28931	1/9/81	408	50/50	Height and soundness for studs OK.
H-28931	1/9/81	375	50/50	Height and soundness for studs OK.
H-28931	1/16/81	432	50/50	Height and soundness for studs OK.
H-28931	1/21/81	33	8/13	Height and soundness for studs OK.
H-29961	12/29/80	250	32/50	Height and soundness for studs OK.
H-30402	12/3/80	360	50/50	Height and soundness for studs OK.
H-30402	12/4/80	360	50/50	Height and soundness for studs OK.
H-30402	12/8/80	720	80/80	Height and soundness for studs OK.

<u>PURCHASE ORDER</u>	<u>DATE OF SHIPMENT</u>	<u>NUMBER OF PLATES</u>	<u>NUMBER OF PLATES/ STUDS INSPECTED</u>	<u>COMMENTS</u>
H-30402	12/10/80	360	50/50	Height and soundness for studs OK.
H-30402	12/12/80	360	50/50	Height and soundness for studs OK.
H-30402	12/15/80	358	50/50	Height and soundness for studs OK.
H-30402	12/17/80	696	80/80	Height and soundness for studs OK.
H-30402	12/18/80	727	80/50	Height and soundness for studs OK.
H-30402	12/23/80	959	80/80	Height and soundness for studs OK.
H-30402	12/29/80	738	80/80	Height and soundness for studs OK.
H-30715	2/24/81	107	20/20	RIR-81-34 written as a result of illegible data. Height and soundness for studs OK.
H-36504	1/18/82	443	50/400	One (1) plate was found to have one defective stud. This nonconformance was noted on DDR-806. This was deemed reportable.
H-36504	1/20/82	506	80/200	Height and soundness for studs OK.
H-36504	1/27/82	526	100%	54 plates were found to have defective studs. DDR-812 was written. This was deemed reportable.
H-36504	1/27/82	475	100%	Five (5) plates were found to have defective studs. DDR-812 was written. This was deemed reportable.
H-36504	2/22/82	353	50/50	Height and soundness for studs OK.
H-36504	2/25/82	470	80/200	Eight (8) plates were found to have defects. Six (6) plates had arc strikes resulting from weld repairs, one plate had one (1) stud lacking 360° flash plus had a crack (Cont'd. next page)

<u>PURCHASE ORDER</u>	<u>DATE OF SHIPMENT</u>	<u>NUMBER OF PLATES</u>	<u>NUMBER OF PLATES/ STUDS INSPECTED</u>	<u>COMMENTS</u>
H-36504 (cont'd.)				at the base; it failed when bent to 30°. One (1) stud on another plate was bent in the area of a repair weld revealing cracking. DDR-840 was written. As a result of the failing stud, this was deemed reportable.
H-36504	3/18/82	60	100%	Three (3) plates were each found to have one (1) defective stud. This nonconformance was noted on DDR-862. This was deemed reportable.
H-37507*	4/16/82	43	100%	Studs and welds on cadweld sleeve OK.
H-37507*	4/29/82	75	100%	Studs and welds on cadweld sleeve OK.
H-37507*	5/10/82	81	100%	Studs and welds on cadweld sleeve OK.
H-37507*	6/11/82	77	100%	Studs and welds on cadweld sleeve OK. RIR 82-144 was written as a result of covers for cadweld sleeves being both damaged and missing.

*Crane Rail Plates