



A-16
10/22/84
50-400-02

Applicants' Exhibit 16
Eddleman Contention 65
Docket No. 50-400

Pour Package
Placement 1C3XW336003

NUCLEAR REGULATORY COMMISSION

Docket No. 50-400 Official Exh. No. 16
In the matter of Sueann Harris
Staff _____ IDENTIFIED
Applicant RECEIVED
Intervenor _____ REJECTED _____
Cont'g Off'r _____
Contractor _____ DATE 10-22-84
Other _____ Witness _____
Reporter Jm

8412170325 841022
PDR ADOCK 05000400
G PDR

CONCRETE
PLACEMENT
REPORT

SHNPP

FILE

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PLACEMENT NUMBER 11CBXW3411001

LOCATION (INCLUDE ELEV. IF IN BLDG.) ED TOWERMENT EC 341 SCHEDULED DATE: 9/21/83 OMB 336003
9/14/83

TYPE PLACEMENT BT. W/M ESTIMATED QUANTITY 75 CY. TEMP LIMIT 90° SLUMP LIMIT 8-8 "SEISMIC CLASS I YES NO

PROPOSED PLACEMENT METHODS (CHECK APPLICABLE SPACES) 9/22/83 CURING

TRANSPORTING	PLACING	VIBRATION	FINISHING	FORMED SURF.	UNFORMED SURF.
BUGGY <input type="checkbox"/>	CHUTE <input type="checkbox"/>	<input checked="" type="checkbox"/> INTERNAL	<input checked="" type="checkbox"/> STEEL TROWEL	<input type="checkbox"/> FORMS ALONE	<input checked="" type="checkbox"/> WET BURLAP
BUCKET <input type="checkbox"/>	TREMIE <input type="checkbox"/>	<input checked="" type="checkbox"/> FORM	<input checked="" type="checkbox"/> WOOD FLOAT	<input type="checkbox"/> TARPS	<input type="checkbox"/> POLYETHYLENE
CONVEYOR <input type="checkbox"/>	DROP <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> HAIR BRUSH	<input type="checkbox"/> INSULATION	<input type="checkbox"/> CURING COMPOUND:
PUMP <input checked="" type="checkbox"/>			BROOM FINISH <input type="checkbox"/>	<input type="checkbox"/> FORMS & WATER	<input checked="" type="checkbox"/> KUREZ
TRUCK <input type="checkbox"/>			RUBBER FLOAT <input type="checkbox"/>		<input type="checkbox"/> NUTEC 10
	SERVICE COND. <u>CUR</u>				<input type="checkbox"/> QUAD CURE
	PROTECTION <u>CATONED</u>				GALLONS REQUIRED <u>3/4</u>
	CURE (DAYS) <u>7</u>				

ANTICIPATED WEATHER CONDITIONS: HOT COMMENT & CLARIFICATION TO PROPOSED METHODS
EQUIP HATCH AREA AT 315'-15"

PRIMARY MASONRY DWG. NO. 267-6-06312-B RATE OF RISE 2 1/4"
04 330.25-344 336 9/17/83

DES. STRENGTH 50KSI DESIGN MIX CODE A-18011 NAME/TITLE PERSON SUBMITTING ALL THE ABOVE
BY: [Signature] TITLE: A.E. DATE: 9/8/83

PRE-PLACEMENT CHECKOUT	CONSTRUCTOR			CONST. INSPECTION		QUALITY CONTROL	
	REF PROC.	CRAFT SUPT.	FIELD ENG.	DATE	INSPECTOR	Q.C. SIGNOFF	DATE
1 CONTACT SURFACES	<u>WP-05</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>9/20/83</u>	<u>R. Bredlow</u>		
2 FORMS	<u>WP-22</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>9/20/83</u>	<u>R. Bredlow</u>		
3 REINFORCING STEEL	<u>WP-11</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>9/20/83</u>	<u>R. Bredlow</u>		
4 EMBEDS		<u>[Signature]</u>	<u>[Signature]</u>	<u>9/20/83</u>	<u>R. Bredlow</u>		
5 MECHANICAL EMBEDS PIPE	<u>WP-102</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>9/19/83</u>	<u>Ry L. [Signature]</u>	<u>[Signature]</u>	<u>9-19-83</u>
6 ELECTRICAL	<u>WP-201</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>9/19/83</u>	<u>[Signature]</u>		
7 CADWELDS	<u>WP-01</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>9/20/83</u>	<u>R. Bredlow</u>	<u>[Signature]</u>	<u>9-20-83</u>
8 BOP WELDING				<u>9/20/83</u>	<u>[Signature]</u>		
9 CODE WELDING SEISMIC WELDING						<u>[Signature]</u>	<u>9-19-83</u>
10 CLEAN-UP	<u>WP-05</u>	<u>[Signature]</u>		<u>9-20</u>	<u>R. Bredlow</u>		

CONSTRUCTOR SIGNOFF (AREA SUPT) [Signature] TIME: 8:15 C.I. SIGNOFF [Signature] TIME: 8:45 AM
DATE: 9-20-83 DATE: 9-20-83

DESIGN APPROVAL [Signature] TIME OF START 11:30 AM DATE PLACED 09 210 83

YDS. CONCRETE DELIVERED	<u>010916</u>	YDS PLACED IN THIS PLACEMENT	<u>87</u>	YARDS WASTED	CONCRETE <u>010</u>
YDS. GROUT DELIVERED	<u>012</u>	CONCRETE	<u>0086</u>	YDS PLACED ELSEWHERE	GROUT <u>001</u>
		GROUT	<u>0001</u>		CONCRETE <u>000</u>
					GROUT <u>000</u>

ACCEPTANCE OF PLACEMENT METHODS & COMPLETENESS OF ABOVE INFORMATION
NAME: Russell J. Bredlow TITLE: C.I. DATE: 9-22-83

REMARKS (ATTACH RELEVANT REPORTS)
* Bulkhead @ top to be continuously wet during placement - Set RB 9-20-83
* Recheck prior to placement - Set RB 9-20-83

PRE-CHECKOUT DATA BY PLACING ORGANIZATION

PRE-PLACEMENT CHECKOUT

POST PLACEMENT

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT

Exhibit 1
TP-15
Sh. 20P 19

PLACEMENT CHECKLIST

PLACEMENT NO. 1CBXW 336003

LOCATION Cont. #1 Ext. Well

Az. 315° to 160°, el. 330.25' to 336.75'

CHECKLIST	REMARKS	INITIALS
Free Fall Height	Sat	RLB
Rate of Placement	Sat.	RLB
Hot Weather Conditions	Sat.	RLB
Cold Weather Conditions	N/A	RLB
Layer Thickness	Sat.	RLB
Use of Placing Equipment	Sat.	RLB
Consolidation	Sat.	RLB
Embedded Items	Sat.	RLB
Forms	Sat.	RLB
Cleanup Maintained	Sat.*	RLB
Mixing To Placing Intervals	Sat.	RLB
Shifted/Removed Rebar Replaced	N/A	RLB
COMMENTS * Some excess water on top of placement due to continuous wetting of top bulkhead. Water was removed and all results satisfactory. The <u>last</u> placement!		

CONSTRUCTION INSPECTOR Russell J. Brucklow DATE 9-22-93

CONSTRUCTION INSPECTION SUPERVISOR Thomas Smith DATE 9/22/93

FIDM INFORMATION: 2011

Rev. 5
8/82

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT

Exhibit 1
TP-22
Sheet 3 of 19

FIELD INSPECTION REPORT FOR REINFORCING STEEL -
REQUIRED DRAWINGS

Placement Number 1 CBXW336003

Coordinates Az. 315° ± to 16° ±

Elevation 330.25' to 336.75'

Computer Printout Reviewed 9-19-83

Daily Document Log Checked 7-19-83

Document Control Contacted 9-19-83

C.I. Review

Ronald J. Bredlow

Area Engineer Review

[Signature]

Drawings Required/Revision:

Affecting Documents

Masonry

CAR-2167-G-0630 (R8)

-0631 (R8)

Reinforcing

CAR-2167-G-0637 (R9)

-0636 (R5)

-0633 (R4)

-0632 (R4)

-0638 (R6)

-0639 (R6)

-0650 (R5)

-0651 (R5)

-0641 (R5)

-0635 (R4)

-0634 (R4)

-0764 (R3)

Penetrations

LINER PLATE
DOWELS

Task 11/23/83

CAR-2168-G-228 (R11)

Bar Bending

CAR-2167-B-9009 -

3,5,6,7,8,9

- PW-C-4040 (Spacing - Rows 1,2,3,4)
- PW-C-4004 (Spacing - Rows 5 & 6)
- PW-C-4207 (Spacing - Rows 7,8,9,10)
- FCR-C-2825 (Spacing - 8th Row @ 16")
- FCR-C-1427 (Add'l Steel - 18" + gaps)
- FCR-C-716 (Liner plate tolerance)
- FCR-C-4298 (Const. Joint changes)
- FCR-C-4264 (Liner plate out-of-tolerance)
- FCR-C-4426 (Excess cover)
- FCR-C-2937 (Lapping of Shear Bars)
- FCR-C-1475 (Const. Jt. Changes)

Bethlehem Steel Corp. (Reinforcing)

8099-41 (R2)

-48 (R1)

-46 (R1)

-1 (R2)

-51 (R0)

-49 (R1)

-39 (R0)

-2 (R4)

-59 (R1)

Add'l Cadvelds Added

J. By (SEE FIELD ENG. AS-BUILTS)

CONTAINMENT EXTERIOR WALL INSPECTION SUMMARY SHEET

Sh. 4 of 19

PLACEMENT NO. 1 CBXW 336003

INSPECTOR Ronald V. Breedlove

DATE 9-19-83

FIELD ENGINEER Mike Hudrow

DATE 9/19/83

See individual sheets

LOCATION	INSPECTED ITEM	DESIGN QUANTITY	ACTUAL QUANTITY	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED
As. 315' to 16' El. 330.25' to 336.75'	VERTICALS					
	ROW 1	✓ 90	90			
	ROW 2	✓ 8	8			
	ROW 7	✓ 70	70			
	ROW 8	✓ 83	84	One extra bar	None	D. Bryan
	HORIZONTALS					
	ROW 3	✓ 9	9			
	ROW 4	✓ 9	9			
	ROW 9	✓ 10	10			
	ROW 10	✓ 10	10			
ADDITIONAL PER DWG.						
HORIZONTAL						
VERTICAL						
DIAGONAL						
ROW 5	✓ 23	23				
ROW 6	✓ 22 23	22 23	One extra bar	None	D. Bryan	
ADD. PENETRATION	22	23				
STEEL / VERTICAL						
HORIZONTAL						
DIAGONAL						
FACE BARS						
RADIAL BARS						
INNER						
OUTER						
RING BARS						
SHEAR BOLT ASSEMBLY						
OTHER						
	Shear Bars (00904's)	869	873	See ch. 7 of 19		
	Bars in 18" gaps	✓	✓	As per - 0631	None	N/A
	Excess cover mat	✓	✓	As per FCR-C-4426	None	N/A

FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

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PLACEMENT NO./LOCATION LCBXW336003

DRAWING NUMBER
BAR BENDING SCHEDULE NO. CAR-2167-G-D637(RS); -D636(RS)

Beth. Print 8099-41(R)

INSPECTOR Russell F. Brucellone DATE 9-16-83

FIELD ENGINEER Michael J. DeLeon DATE 9/17/83

DESIGN QUANTITIES PER SHEET

VERTICALS ROW 2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAG.	FACE BARS	RADIAL BARS INNER/OUTER	RING BARS	SHEAR BOLT ASSEMBLIES	OTHER
56									

INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED
Beth. Bars = "B"						
CC-278 ✓	1	1	1st Row Verticals 315° to 16°	Spacing Violations	PW-C-4040	D. Bryan
CC-268 ✓	^{RIB 9-16-83} 9-8-10	9				
CC-365 ✓ CC-265 ✓	2	2				
CC-264 ✓	^{RIB 9-16-83} 2 3	3				
CC-317 ✓	30	30				
B-293 ✓ CD to CC-317	1	1				
B-291 ✓ CD to CC-317	1	1				
B-289 ✓ CD to CC-317	1	1				
B-287 ✓ CD to CC-317	1	1				
B-285 ✓ CD to CC-317	1	1				
B-283 ✓ CD to CC-317	1	1				
B-281 ✓ CD to CC-317	1	1				
B-279 ✓ CD to CC-317	1	1				
B-277 ✓ CD to CC-317	1	1				
B-275 ✓ CD to CC-317	1	1				

FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

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PLACEMENT NO./LOCATION LCBKW 336003

DRAWING NUMBER
BAR BENDING SCHEDULE NO. CAR-2167-G-0637(R5) ; -0636(R5)

Beth. Print 8099-41(R2)

INSPECTOR Russell J. Brecklow DATE 9-16-83

FIELD ENGINEER Mike Blanton DATE 9/17/83

DESIGN QUANTITIES PER SHEET

VERTICALS ROW 12,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAG.	FACE BARS	RADIAL BARS INNER/OUTER	RINGS BARS	SHEAR BOLT ASSEMBLIES	OTHER
15									

INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED
Beth. Bars = "8" B-273 CD to CC-317	1	1	1 st Row Verticals (cont.)	Spacing Violations	DWC-4040	D. Bryan
B-309 CD to CC-317	1	1				
B-307 ED to CC-317	1	1				
B-308 CD to CC-317	1	1				
B-303 CD to CC-317	1	1				
B-301 CD to CC-317	1	1				
B-299 CD to CC-317	1	1				
B-297 CD to CC-317	1	1				
B-295 CD to CC-317	1	1				
B-256 CD to CC-317	1	1				
B-258 CD to CC-317	1	1				
B-260 CD to CC-317	1	1				
B-262 CD to CC-317	1	1				
B-264 CD to CC-317	1	1				
B-266 CD to CC-317	1	1				

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FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

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PLACEMENT NO./LOCATION 1CBXW336003
DRAWING NUMBER
BAR BENDING SCHEDULE NO. CAR-2167-G-0637(R5) ; -0636(R5)
Bethlehem Print 8099-41(R2)

INSPECTOR Russell S. Breddlow DATE 9-16-93
FIELD ENGINEER [Signature] DATE 9/19/93
DESIGN QUANTITIES PER SHEET

VERTICALS ROW 1,2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAG.	FACE BARS	RADIAL BARS INNER/OUTER	RING BARS	SHEAR BOLT ASSEMBLIES	OTHER
19	8								
INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED			
Both Bars "B" B-268 CD to CC-317	1	1	1st Row Verticals (cont.)	Spacing Violations	PW-C-4040	D. Bryan			
B-270 CD to CC-317	1	1							
B-272 CD to CC-317	1	1							
B-312 CD to CC-317	1	1							
CC-268	RUB 7/16/93 13	13							
CC-365	TWS 9/22/93 1	1							
CC-278	1	1							
CC-904	869	873	Shear Bars	90 partially embedded in CBXW341001 some have <6" N/C Splice 4 extra bars OK [Signature]	FCR-C-2937 FCR-C-1475	D. Bryan			
CC-374 CD to CC-370	86 RUB 9/19/93	6	2nd Row Verticals 315° to 16°	Spacing Violations	PW-C-4040	D. Bryan			
#19 CD to CC-370	2	2	As per CC37						

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FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

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PLACEMENT NO./LOCATION LCBXW336003
DRAWING NUMBER _____
BAR BENDING SCHEDULE NO. CAR-2167-G-0638(R1); -0639(R1)
Both Prints 8099-48(R1); -46(R1); -1(R2)
INSPECTOR Russell J. Breedlove DATE 9-16-83
FIELD ENGINEER Michael S. ... DATE 9/19/83
DESIGN QUANTITIES PER SHEET _____

VERTICALS ROW 1,2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAG.	FACE BARS	RADIAL BARS INNER/OUTER	RING BARS	SHEAR BOLT ASSEMBLIES	OTHER
			15						
INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED			
Both Bars 720	✓ 1	1	5th Row Diagonals 315° to 16°	Spacing Violations	PWC-4004	D. Bryen			
721 CD to 712	✓ 1	1							
722	✓ 1	1							
713 CD to 723	✓ 1	1							
721 CD to 57	✓ 1	1							
723 CD to 40	✓ 1	1							
714 CD to 39	✓ 1	1							
715 CD to 38	✓ 1	1							
725 CD to 37	✓ 1	1							
724 CD to 36	✓ 1	1							
716 CD to 7	✓ 1	1							
725 CD to 6	✓ 1	1							
717 CD to 5	✓ 1	1							
621 CD to 4	✓ 1	1							
620 CD to 3A	✓ 1	1							

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FIELD INSPECTION REPORT FOR CONTAINMENT EXTERIOR WALL PENETRATION STEEL

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PLACEMENT NO./LOCATION 1CBXW336003

DRAWING NUMBER

BAR BENDING SCHEDULE NO. CR-2167-G-0638(R4); -0639(R5)

Bethlehem Prints 8099-51(R0); -49(R1); -39(R0); -2(R4)

INSPECTOR

Russell J. Buehler

DATE 9-16-83

FIELD ENGINEER

Michael J. ...

DATE 9/19/83

DESIGN QUANTITIES PER SHEET

VERTICALS ROW 1,2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR/VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR/VERT/DIAG.	FACE BARS	RADIAL BARS INNER/OUTER	RING BARS	SHEAR BOLT ASSEMBLIES	OTHER
			13						
INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED			
Beth. Bars			6th Row Diagonals 315° to 160°						
738 CD to 134	1	1		Spacing Violations	Proc. 400a	D. Bryan			
#18	0	1		One extra bar	None	D. Bryan			
739 CD to 133	1	1		OK					
719 CD to 132	1	1							
720 CD to 131	1	1							
739 CD to 130	1	1							
740 CD to 91B	1	1							
721 CD to 92B	1	1							
739 CD to 93B	1	1							
722 CD to 104	1	1							
741 CD to 105A/B	1	1							
739 CD to 106	1	1							
723 CD to 107	1	1							
724 CD to 108	1	1							

FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

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PLACEMENT NO./LOCATION 1CBXW336003

DRAWING NUMBER
BAR BENDING SCHEDULE NO. (AR-2167-G-0650/RS); -0641(RS)

Bell. Print 8099-59(R)

INSPECTOR Russell F. Brecklone DATE 9-16-83

FIELD ENGINEER Michael S. ... DATE 9/19/83

DESIGN QUANTITIES PER SHEET

VERTICALS ROW 1,2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAC.	FACE BARS	RADIAL BARS INNER/OUTER	RING BARS	SHEAR BOLT ASSEMBLIES	OTHER
58									

INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED
Bell. Bars: "B" CC-801 ✓	1	1	8 th Row Verticals 315° to 16°	Spacing Violations	DW-C-4207	D. Bryan
CC-804 ✓ CC-802 ✓	1 1	1 1				
CC-776 ✓	40 ⁵³ ₃₂	40				
CC-753 ✓ CD to CC-775	4	4				
CC-759 ✓ CD to CC-775	2	2				
#18 (CC-775) ✓	0	1		1 extra bar	None	D. Bryan
B-255 ✓ CD to CC-775	1	1				
B-236 ✓ CD to CC-775	1	1				
B-233 ✓ CD to CC-775	1	1				
B-231 ✓ CD to CC-775	1	1				
B-229 ✓ CD to CC-775	1	1				
B-227 ✓ CD to CC-775	1	1				
B-225 ✓ CD to CC-775	1	1				
B-223 ✓ CD to CC-775	1	1				
B-275 ✓ CD to CC-775	1	1				

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FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

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PLACEMENT NO./LOCATION 1 CBXW336003
DRAWING NUMBER _____
BAR BENDING SCHEDULE NO. CAR-2167-G-0650(RS) ; -0641(RS)
Bethlehem Print 9099-59(R1)

INSPECTOR Russell J. Breckler DATE 9-16-83
FIELD ENGINEER [Signature] DATE 9/19/83
DESIGN QUANTITIES PER SHEET

VERTICALS ROW 1,2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAG.	FACE RADIAL BARS BARS INNER/OUTER	RING BARS	SPEAR BOLT ASSEMBLIES	OTHER
15								

INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED
Beth. Bars "B" B-253 CD to CC-775	1	1	8 th Row Verticals 3 (Cont.)	Spacing Violations	DWC-4207	D. Bryan
B-251 CD to CC-775	1	1			[Signature]	
B-249 CD to CC-775	1	1				
B-247 CD to CC-775	1	1				
B-245 CD to CC-775	1	1				
B-243 CD to CC-775	1	1				
B-241 CD to CC-775	1	1				
B-239 CD to CC-775	1	1				
B-211 CD to CC-775	1	1				
B-213 CD to CC-775	1	1				
B-215 CD to CC-775	1	1				
B-217 CD to CC-775	1	1				
B-219 CD to CC-775	1	1				
B-220 CD to CC-775	1	1				
B-221 CD to CC-775	1	1				

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FIELD INSPECTION REPORT FOR
CONTAINMENT EXTERIOR WALL
PENETRATION STEEL

180A19

PLACEMENT NO./LOCATION 1CBXW336003
DRAWING NUMBER _____
BAR BENDING SCHEDULE NO. CAR-2167-G-0634(R4); -0635(R4)

INSPECTOR Russell J. Brudlow DATE 9-16-83
FIELD ENGINEER Alvin Blanton DATE 9/19/83
DESIGN QUANTITIES PER SHEET

VERTICALS ROW 1,2,7,8	HORIZONTALS ROW 3,4,9,10	ADD. PER DWG. HOR./VERT.	DIAGONALS ROW 5,6	ADD. PENETRATION STEEL HOR./VERT./DIAG.	FACE BARS	RADIAL BARS INNER/OUTER	RING BARS	SHEAR BOLT ASSEMBLIES	OTHER
	10								
INSPECTED ITEM (BAR MARKS)	DESIGN QUANTITY	ACTUAL QUANTITY	DESCRIPTION	DISCREPANCIES	CORRECTIVE ACTION	INDIVIDUAL NOTIFIED			
			9th Row Horizontals 315° to 16°						
CC-496, CC-449 CC-400	1	1		Spacing Violations	PW-C-4207	D Bryan			
CC-418, CC-449 CC-420	1	1							
CC-496, CC-449 CC-400	1	1							
CC-496, CC-449 CC-400	1	1							
CC-420, CC-449 CC-400	1	1							
CC-496, CC-449 CC-400	1	1							
CC-496, CC-449 CC-400	1	1							
CC-418, CC-449 CC-420	1	1							
CC-496, CC-449 CC-400	1	1							
CC-496, CC-449 CC-400	1	1							

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CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
POST PLACEMENT CHECKLIST

Exhibit 2
TP-15

PLACEMENT NO. 1CBXW336003 LOCATION Az. 315° to 160°, el. 330.29' to 336'
 PLACED 9-20-83 SURFACE AREA 500 ft²
 END OF CURE 9-27-83 CURE COMPOUND (AMOUNT) 2 1/2 gals.
 CURE/PROTECTION REQUIREMENTS: Mild exposure / Extended Protection / 7 days moist

CHECKLIST	REMARKS	INITIALS
<u>FINISH</u>		
A. Steel Trowel	N/A	RLB
B. Wood Float	✓ Applied after head box removal - Sat	RLB
C. Broom	N/A	RLB
D. Hair Brush	↓	RLB
E. Rubber Float	↓	RLB
F. Keyways Installed	N/A	RLB
<u>FORMS</u>		
Form & Shoring Removal	Sat	RLB
<u>REPAIRS</u>		
Type of Repair Required	<input checked="" type="checkbox"/> Cosmetic <input type="checkbox"/> Structural <input type="checkbox"/> Forms Still In Place	RLB
<u>EMBED PLATES W/SCREW-IN-STUDS</u>		
Thread Engagement	N/A	RLB
<u>SEISMIC GAP</u>		
Proper Gap Maintained	N/A	RLB
<u>CURING/PROTECTION</u>		
	EXTENSIONS	REMARKS
A. Water	N/A	Sat. Kurex verified RLB
B. Curing Compound	↑	3/4 gal. extra added Kurex verified RLB
C. Ponding	↓	N/A RLB 10-25-83
D. Burlap	↓	RLB
E. Wet Sand	↓	RLB
F. Polyethylene	↓	N/A RLB
G. Temperature	N/A	Sat. 7 days ≥ 50°F RLB

COMMENTS: ~~3/4 gal reappplied @ C.I. inspectors request~~ RLB 10-25-83
 * 3/4 gal. applied to head box area, removed during chipping operations -
 2 1/2 gals. on final product

CONSTRUCTION INSPECTOR Russell J. Breckline DATE 10-24-83

CONSTRUCTION INSPECTION SUPERVISOR Thomas Smith DATE 10/26/83

PLACEMENT NO. LCBXW336003 DATE 9-20-83 MODE OF PLACEMENT Pump Discharge

LOCATION Containment Bldg.

WEATHER: () CLEAR () OVERCAST () RAIN () OTHER
() HAZY () FOG () P. CLOUDY

TICKET NO.	TIME SAMPLED	ACCU YARDS PLACED	SLUMP (IN)	TEMP. (°F)	THERM. NO.	AIR (%)	AIR METER NO.	UNIT WT.	UNIT BUCKET	SCALE NO.	TEST CYLINDERS RESULTS			SET NO.	LAB #	REMARKS
											DAY	DAY	DAY			
99070	11 30 AM	8	7	79	CPL 4944B	6.9	CPL 4767B	M.I.D.	CPL 4767D	CPL 5089B	7	28	28	1	10719	
											2740	4880	5110			
99074	1 15 PM	40	5 1/4	77	CPL 4944B	4.9	CPL 4767D									

SLUMP REQUIRED 0-7 1/2 max in. DESIGN MIX # USED M-80 FIELD QA/QC INSPECTOR Walter J. Holbrook DATE 9-20-83

AIR REQUIRED 4-8 1 DESIGN STRENGTH 5000 PSI LAB QA/QC INSPECTOR Walter J. Holbrook DATE 10-18-83

FOR PLACEMENT QA/QC SPECIALIST Donald Long DATE 11-21-83

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FOR PLACEMENT # 1CBYW336003

M-80 5000 PSI

LAB NO.	AVG 28-DAY STRENGTH	AVG. OF THREE CONSECUTIVE TESTS
10705	5090	5355
10712	5980	5792
10719	4995	6120
10803	6400	
10823	6965	

EVALUATION IN ACCORDANCE WITH CAR-SH-CH-6

- ① THE 28-DAY AVERAGE STRENGTHS ARE NOT MORE THAN 500 PSI BELOW THE DESIGN STRENGTH OF 5000 PSI.
- ② THE AVERAGE OF ALL GROUPS OF THREE CONSECUTIVE TEST ARE ABOVE THE DESIGN STRENGTH OF 5000 PSI.
- ③ THE 28 DAY STRENGTH TEST IS NOT CONSIDERED A FAILURE.

Aug Ch 11-21-83

09 11-21-83