

EX 6



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

December 2, 1982

TO: C. E. Alderson, Director, Enforcement and Investigations Staff  
FROM: G. F. Maxwell, Senior Operations Inspector, Harris  
SUBJECT: FOLLOW-UP ON TELEPHONE CONVERSATION BETWEEN G.F. MAXWELL AND [redacted] ON DECEMBER 1, 1982 AT ABOUT 3 P.M. CONCERNING POSSIBLE HARASSMENT OF A SITE CONSTRUCTION INSPECTOR (CI) BY THE SITE REINFORCING STEEL SUPERINTENDANT

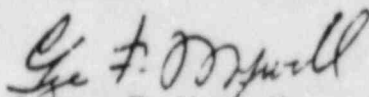
This note is to confirm to you the following, relative to subject telecon:

1. While off duty, I found out through casual conversation with a laborer, who is assigned at the Harris site, that a potential existed in which a CI inspector had been harassed by the reinforcing steel superintendant. On November 30, 1982 I was approached by the concerned CI inspector and set up a time and place to meet with him to inquire as to what had occurred, if anything. The meeting was held on December 1, 1982 just prior to the subject telecon and can be summarized by the following key points, which were relayed to me by the inspector:

- \* The [redacted] had been inspecting the Harris site for about [redacted] prior to the incident.
- \* On or about the last week [redacted] the inspector was asked to conduct pre-placement inspections in an area where he [redacted] to conduct these inspections. The superintendant responsible for getting the placements inspected and accepted was [redacted].
- \* During three instances that week, [redacted] insulted the inspector and insisted that he "sign off" the pre-placements regardless of the conditions as seen by the inspector. [redacted] and told that he was immature for enforcing stupid procedural require-
- \* The inspector informed his immediate supervisors [redacted] of the occurrences and stated that if something was not done with [redacted] that he would inform NRC of what had happened. Subsequently [redacted] was required to [redacted] and was [redacted] by his superior.

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- \* The week following the occurrence the inspector came across [redacted] and attempted to attain a [redacted] the inspector, calling him [redacted]. The inspector again reported the incident to his supervision and [redacted].
  - \* The inspector stated that he does not feel that any of the inspectors who have been conducting pre-placement inspections have been intimidated by [redacted] to the point that they would let unsatisfactory conditions "slide by." However, he feels that an inspector cannot see everything and that the potential existed in which [redacted] "harrassed" his immediate workers to the point that they would not follow procedures.
2. My opinion:
- \* [redacted] The inspector fears perhaps some "off site" retrioution from [redacted] may occur if much is said about the occurrence.
  - \* [redacted] acts like a "bully" but in practice is harmless. He has achieved his gains on the site by "bullying" his men to the point that he can get 12 hours of work out of a seven hour day.
  - \* I do not believe that any of the CI civil pre-placement inspectors would admit that they let an inspection "slide" because of [redacted].
  - \* It's possible that there are things in the procedures which [redacted] insisted that his men disregard. However, reinforcing steel is being inspected 100% by at least two separate individuals and many times they are audited by QA. This is also true of other pre-placement inspection points.
  - \* Removal of [redacted] from the site by CP&L was a very positive indication that management has concern about the treatment of inspectors.
3. Recommendation
- \* I will, as a part of my routine inspections, lightly inquire about the treatment of other CI inspectors by [redacted] and will encourage any visiting RII civil inspectors to do the same. If any substantive information is attained, I will contact you immediately.
  - \* If directed by RII supervision, I will be glad to conduct extensive interviews of craft and/or inspection personnel as required, if you feel that additional information is needed to attain a more assuring confidence level that plant safety has not been jeopardized by [redacted].

  
George F. Maxwell

cc: P. Bemis  
I. Vorse  
L. Williams

There was a second incident ~~incident~~ to the above that was discovered during a Quality Assurance Audit conducted in ~~early April~~ <sup>MARCH</sup> 1982. There was a question concerning the whereabouts of the original WDR for pipe hanger number ~~CT-H-459~~ A-1-190-1 CT-H-459. It was brought to my attention because I was the lead man in structural welding. I reviewed the copy of the WDR and I noticed the initials did not appear to be those of Mountcastle. I took the WDR and showed M and he verified that the initials were not his. I told Mr. Frank Taylor about the incident and he had M prepare a statement concerning the initials. I also mentioned to Taylor that this was the second incident and he directed me to write a DDR <sup>855</sup> and begin a review of the files to see if I could find any other instances of forged initials. I conducted the review and found approximately 12 other questionable documents. After this a more detailed review was conducted and I believe more than 90% were actually reviewed. I do not know if other instances were found. 78

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NONDESTRUCTIVE TEST	FOREMAN	LOCATION	ELEV.	TIME	DATE
INSPECTION REQUEST *	Bendergrass	RAB	236	2:00	6-8-81
WELDER	Martin	SYMBOL SH-96	DWG./ISO.#	SHEET	JOINT NUMBER
			A-4-236-1		CS-H-1657
INSPECTION REQUIREMENTS	CLEAN <input type="checkbox"/>	FIT UP <input type="checkbox"/>	FINAL <input checked="" type="checkbox"/>	DETAIL	
	VISUAL <input checked="" type="checkbox"/>	LP <input type="checkbox"/>	MP <input type="checkbox"/>		
REWORK <input type="checkbox"/> NEW <input checked="" type="checkbox"/>					
COMMENTS: PC _____ TO PC _____					
INSPECTOR	<i>SM</i> 1/9/82	<i>SM</i> <i>SM</i>	ACCEPT <input checked="" type="checkbox"/>	REJECT <input type="checkbox"/>	HOLD <input type="checkbox"/> DATE 1/14/81

\*This form for Information Only-NOT A QA RECORD.



NONDESTRUCTIVE TEST INSPECTION REQUEST *		FOREMAN Pendergrass	LOCATION RAB	ELEV 236	TIME 2:00	DATE 6-8-81
WELDER Martin		SYMBOL SH-96	DWG./ISO # A-4-236-1	SHEET	JOINT MARKER # CS-H-1657	
INSPECTION REQUIREMENTS	CLEAN <input type="checkbox"/> FIT UP <input type="checkbox"/> FINAL <input checked="" type="checkbox"/>					DETAIL
	VISUAL <input checked="" type="checkbox"/> LP <input type="checkbox"/> MP <input type="checkbox"/>					
		REWORK <input type="checkbox"/> NEW <input checked="" type="checkbox"/>				
COMMENTS: PC _____ TO PC _____						
INSPECTOR SM 11/9/82		SM SM		ACCEPT <input checked="" type="checkbox"/> REJECT <input type="checkbox"/> HOLD <input type="checkbox"/>		DATE 1/14/81

\*This form for Information Only-NOT A QA RECORD.

P.O. Box 101, New Hill, N.C. 27562

June 4, 1982

MEMORANDUM TO: [Mr. G.L. Forehand]

FROM: [F.W. Taylor]

SUBJECT: Mechanical/Welding Status Report for week of 6/4/82

I. Status of Special Projects & High Priority Work

A. Pipe Hangers

1. Bergen-Patterson Skewed "T" Pipe Hanger Shop Welds awaiting management decision on inspection.
2. Random inspection of 21 box hangers to verify that FCR H-564 was interpreted correctly by the inspector that performed the initial inspections has been completed. All 21 reinspections were performed and no problems found. Field Inspection Report # W-82-078 has been written and identifies all the hangers that were inspected and accepted.
3. Pipe Hanger Group is presently reviewing 1,190 pipe hanger packages to determine which hangers were inaccessible or hard to reach and may have been inspected by uncertified inspectors (K. Stanley and S. Mountcastle). As of this date 644 hanger packages have been evaluated and 304 hangers must be reinspected. 225 hanger packages are missing from the QC Structural files and 321 hanger packages remain to be evaluated. A reinspection has started on 31 hangers as of 6-7-82. 7 hangers were accepted, 20 were found rejectable and 4 hangers did not require reinspection due to prior reinspection as hangers being removed. (Last week's approximation of 1,364 hanger packages has been updated to a more exact figure of 1,190 hanger packages). DOR IS  
WRT TEL
4. A re-evaluation ~~is being~~ conducted on approximately 3,500 WDR's in the QC Structural Welding files by QC Welding inspectors.

The review classified hanger packages into the following three categories:

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- a. Category 1- Has approximately 450 pipe hanger packages with incomplete WDR documentation.
- b. Category 2- Has approximately 1,791 packages of hangers reinspections performed by J. Root, or indicated inspected by him.
- c. Category 3- Has approximately 1,800 WDR's in hanger packages that have been evaluated as complete. The hanger packages are presently being reviewed by Structural Welding personnel for accuracy and completeness. As of 6-7-82, 346 hanger packages have been evaluated, i.e. incomplete weld data recorded, material status not verified, etc. 92 WDR's in hanger packages were missing 67 WDR's in hanger packages requiring inspections of new work. Hanger packages all contain yellowcopy of WDR's with dates ranging from 1-29-81 thru 12-30-81. These hangers were never inspected. 15 hanger packages contained new inspections. Dates on WDR's in these packages are all within a 2 month time span. 42 WDR's in hanger packages were found acceptable and ready for QC Specialist evaluation this week. Those completed WDR's found acceptable by the QC Specialist will be signed and sent to QA Records Vault. Other WDR's will be indicated as to how much of prior inspection are acceptable and the remaining will be reinspected.

The WDR's found incomplete will be evaluated for completeness of weld inspection. Pipe Hangers that are found to have been partially acceptable will be reinspected in order to complete the inspection of the hanger.

- d. Categories 1 & 2- Evaluations pending completion of evaluation of category 3 pipe hanger packages.

#### B. Peden Steel

- 1. HVAC and Cable Tray Hangers- Reinspection of shop welds
  - a. Reinspection program for all Peden Cable Tray/HVAC hanger shop welds to last up to six months.  
A generic DDR was written on 6-3-82 covering Peden Steel hanger reinspection for the week. 92 hangers were reinspected and 59 hangers were rejected for various reasons. This week reasons for rejection include missing welds, undercut, overlap, etc.

2. Approximately 50 full penetration welds at Peden Steel were inspected with 26 welds not showing proper NDE documentation. AS per AS-1 a full penetration weld requires UT or RT inspection but no record of NDE test being performed on 26 of these welds. These problems are being documented on a new DDR which is presently being written.
3. Bill Pere continuing to check Peden inspector's qualifications, Peden welder's qualifications, reviewing Peden specifications, and weld/material inspections.

#### D. High Stress Stamping

##### 1. Inspection of Spool Pieces for High Stress Stamping

- a. Inspection has begun using new optical aids for closer measurement of the radius of the stamp. Mr. Chiangi loaned us a 7X power glass with which the radius can be approximately measured.
- b. Spool pieces are now being inspected and measurements documented.
- c. HPES has sent results of stamp measurements on E & F Center comparator with .0003R and asked Ebasco if stamp will be acceptable. HPES have also sent mil std. 792C stamp radius and manufacturing standards on stamps to Southwest Fabricators and asked if their stamps meet these requirements.

2. Reactor Main Loop inspected, repaired and Repair Weld Data Reports are ready to be closed. This will be closed this week.

## II. QC Structural Welding Subunit

### A. Pipe Hangers

1. Approximately 250 hangers are backlogged. There are 3 inspectors on this activity.
2. Performed visual inspections of 42 pipe hangers.
3. Fully accepted 30 pipe hangers.
4. Rejected 12 pipe hangers.
5. Performed partial inspections of 9 pipe hangers.
6. Performed fitup inspections of 6 pipe hangers.

### B. HVAC & Cable Tray Hangers

1. Approximately 75 hangers are backlogged.
2. Only one inspector was available--we worked with Peden Steel inspectors as well as performed FX inspections.

3. Performed visual inspections of 10 hangers.
4. 40 hangers pending material status.
5. 60 hangers previously inspected and accepted after material status verification.
6. Performed fitup inspections of 20 hangers.
7. Permanent Waiver #305 on hanger 6801. CI accepted orientation of hanger, but hanger is not per drawing.
8. Field weld WDR's reviewed for completeness. Approximately 200 do not have documentation of configuration or signoff. WDR's were checked accept but there is no signature to verify inspector. (These are old inspections.)

C. Conduit & Buss Duct Hangers

1. Approximately 90 hangers are backlogged.
2. One inspector is on this activity.
3. Performed visual inspections of 24 hangers.
4. Fully accepted 22 hangers.
5. Rejected 2 hangers.
6. Performed partial inspection of 5 hangers

D. Status of Whip Restraints and Tower Restraints in Containment

1. Whip Restraints- Presently one inspector setting up a filing system. No inspections requested during week.
2. Tower Restraints- Presently working in Loops 1 & 2. Regular inspections continuing. One fitup inspection and one preheat inspection performed.

E. Structural Steel Welding Inspections

1. Main Steam and Feedwater Penetrations

- a. The transferring of information from earlier field inspection reports to current WDR's is complete. WDR's were sent to office engineering to facilitate completion of corrective action on DDR 927. A brief meeting was then held with David Bryan of Office Engineering to clarify information of WDR's.



#### E. 2. Regular Structural Steel Inspection Activities

- a. Backlog of inspection of RAB Platform Steel is 92% complete.
- b. Two personnel presently undergoing OJT for certification.
- c. Continuing inspections of rework of containment platform steel. Backlog of documentation problems, i.e. (a) missing WDR's & WP-18's (b) Holdpoints not signed off by inspectors and (c) inaccurate information on WDR's in these areas are continuing to be reviewed.
- d. Performed regular inspections of HVAC Penetrations
- e. Performed preliminary inspections of HVAC Penetrations of repaired areas in Reliable Sheet Metal items; Penetrations 133 & 134, in the Sheet Metal Fab Shop. DDR's 820 and 845 were previously written on the items and work is in progress.
- f. Performed material status verification at Ironworker's Fab Shop.

#### F. Transfer of Field Copies

1. The Structural Weld Inspection group is continuing to transfer original white WDR's to the field and the field's yellow copies to the QC Structural files. This is being done as inspections are required or when identified.

### III. Pipe Welding Inspection Unit

- A. Reinspection of pipe welds by Jim Root, 19 NCR's being closed. As of 6-3-82, all work completed.
- B. Fuel Pool and Canal Liners
  1. Inspection has been started in the refueling cavity in the Containment Building.
  2. Embedded liner plate supports continuing with inspections.
  3. Drawing will be used as a weld map and record of weld accepted.
  4. Inspection has commenced in Fuel Handling in South New Fuel Pool.

### IV. Significant Events or Evaluation on Areas Planned for the Week

- A. QC Structural Welding has received trailer for additional work space. Trailer to be prepared for six pipe hanger inspectors during the week.

V. Conditions Which May Have A Significant Effect on Quality or Schedule

- A. A new procedure has been written for reinspection of Peden Steel Seismic Supports and given to HPES (Jim Nevill) for issuance to Peden Steel.

VI. Personnel Evaluation

- A. Presently, there are 19 Daniel Contract personnel in the QC Welding and Mechanical group.
- B. Total of 17 CP&L inspection personnel. All but 7 are qualified. More OJT time is required but should be qualified by June. They are active in reading, WDR review, fab shop documentation, and inspection of structural steel OJT.
- C. 4 Daniel Contract Personnel passed certification test on Thursday, June 4. Test given by QC Specialist, Brent Firestone.
- D. Two CP&L inspectors reported to work during the week. One trainee reported during the week. Cameron Lucas & Rocklyn Berkheimer. Lisa Robbins, Mechanical Trainee.

*JW Taylor*

CAROLINA POWER & LIGHT COMPANY  
SHEARON HARRIS NUCLEAR POWER PLANT

SEISMIC HANGER INSTALLATION & INSPECTION

5:00 PM  
Mech File

HANGER NUMBER PD-H-1692 REV NO 1  
 LINE NO 9-PD-2-1-1  
 LOCATION OR SPECIAL REQUIREMENTS: A-236-1

ACTIVITY	RESPONSIBILITY	SIGN-OFF			
		PHASE I		PHASE II	
		INITIAL	DATE	INITIAL	DATE
1 PROVIDE HANGER WORK PACKAGE	MECH ENGR				
2 FIT UP HANGER MEMBERS	HANGER SUPT	J.D.P/A	7-15-81		
3 INSPECT HANGER:					
A IDENTIFICATION PER PACKAGE	CI	F.E. O/A RDC	7-16-81		
B LOCATION & ORIENTATION PER PACKAGE & PROCEDURE	CI	F.E. O/A RDC	7-16-81		
C WELDMENT FIT-UP (FULL PEN WELD)	QA				
D LOCATION PER STRESS ISO	CI				
E GEOMETRY PER SKETCH	CI				
4 WELD-OUT MEMBERS:					
A PRIMARY	HANGER SUPT.	O.S. O/A	7/16/81		
B SECONDARY	HANGER SUPT.				
5 INSPECT COMPLETED WELDS	QA	P. Singer	7/25/81		
6 PULL COPY OF TRAVELER	QA				
7 RETURN PACKAGE TO MECH ENGR.	HANGER SUPT.	O.S. O/A	7/25/81		
8 SUBMIT PACKAGE TO CI	MECH ENGR.				
9 SUBMIT PACKAGE TO QA	CI				

EMBED THICKNESS  $\leq 1\frac{1}{2}$ " WPC 6/12/81  
 EMBED THICKNESS =                 
 PREHEAT VERIFIED BY Q.A.               

COMMENTS

CI / F.E. - PIPE NOT INSTALLED

QA /

Time using hand-drawing PT 6/16/81

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(PROCEDURE CQC-19)

1. BUILDING KAB		3. ELEV. 236		4. LOCA. BONE 4		5. COMPONENT/HANGER ID. CS-H-1657		6. DRAWINGS, REV. & SHT. # A-4-236-1		7. WELD PROC. 1A4R0		9. WELD INSTRUCTIONS 7/1A	
DISCIPLINE ENG. D.L. Rutterman		DATE 5/5/81		WELDING ENG./FOREMAN W. J. [Signature]		DATE 5-21-81		CS-H-1657		8. WELD ML. TY. ETO1B			

1. NOTIFY DISCIPLINE ENGINEER FOR ADDITIONAL INSTRUCTIONS FOR FULL PENETRATION
2. NOTIFY DISCIPLINE ENGINEER FOR ADDITIONAL INSTRUCTIONS ON JOINTS INVOLVING ENGINEERED PLATES
3. COMPLETE WELDOUT OF JOINTS NOT REQUIRING ADDITIONAL INSTRUCTIONS
4. INFORM QA/QC FOR HOLD POINTS (H) & FINAL WELD INSPECTION

FOREMAN: 7/1A DATE: 7/1/81  
 WELD TYPE & CONFIGURATION CHECKED WITH DWG(S) & COMPONENT/HANGER CONFIGURATION CHECKED WITH DWG(S) A  R  DATE: 6/14/81

WELDER(S) QUALIFICATION A  R  3. MAT'L STATUS A  R  NCR/DDR n/a QA/QC INSPECTION 119/B.25m DATE 6/14/81

4. JOINT I.D. OR DESCRIP. & QTY OF WELDS	WELDER SYMBOL(S)	PREHEAT		FITUP		ROOT NDE				FINAL NDE				VAC BOX	PWHT	INSP INITIALS	DATE	DESCRIPTION OF DEFICIENCY, REPAIR OR REWORK NCR/DDR, ETC.					
		H	TEMP	H	A	R	H	A	R	H	A	R	H						A	R	H	A	R
<u>50ft link 2/c</u> <u>CS</u>	<u>EH96</u>															<u>SM</u>	<u>6/14/81</u>						
<u>1-13</u>																							
<u>1-13</u>																							

H = HOLDPOINT  
 A = ACCEPT  
 R = REJECT  
 T = TEMP GREATER  
 THAN LISTED

QA/QC INSPECTION & NDE HOLDPOINT ASSIGNED  
 AND/OR VERIFIED BY [Signature] 5/21/81  
 INITIALS DATE

QA/QC SPECIALIST / DESIGNEE \_\_\_\_\_ DATE \_\_\_\_\_

REMARKS: \_\_\_\_\_

USE QA-34A TO LIST ADDITIONAL WELDS



*[Faint, illegible handwritten text, possibly bleed-through from the reverse side of the page]*

83  
~~82~~



☆ = not by mt available.

☆ PD-H-228-	3/4/81	16
PD-H-266		61
274		1164
320		1165
323		1166
347		1280
352		1329
		1332
		1334

☆ 1570 -		1425
1587		1430
1588		1431
1589		1449
1592		1450
		1451
1652	1705	1478
1653	1706	1479
1668	1707	1484
1678	1712	
1679	1716	
1682	1717	
1688	1721	
1690	1742	

☆ 1691	<del>1743</del>
1693	1744
1695	1763
1697	1768
1700	
1703	

84  
~~83~~

revised 4/2/72  
SHIPP

DEATH  
NOTES.

- ~~9/8/81 <sup>a</sup>A-4-216-1 PD-H-320  
Record copy not up to date~~
- ~~4/28/81 <sup>b</sup>A-4-216-1 PD-H-323 — OK~~
- ~~4/28/81 <sup>c</sup>A-3-216-1 PD-H-347  
no WDR in field copy~~
- ~~1/16/81 <sup>d</sup>A-3-216-1 PD-H-352 — OK~~
- ~~6/3/81 <sup>e</sup>A-1-190-1 PD-H-16 — OK~~
- ~~8/26/81 <sup>f</sup>A-1-190-1 PD-H-61 — OK~~
- ~~5/29/81 <sup>g</sup>T-2-236-1 PD-H-1164 — OK~~
- ~~5/29/81 <sup>h</sup>F-2-236-1 PD-H-1165 — OK~~
- ~~1/6/82 <sup>i</sup>F-2-236-1 PD-H-1166  
Rec cy not up to date w/field copy~~
- ~~9/3/81 <sup>j</sup>A-3-236-1 PD-H-1280  
Rec cy not up to date w/field copy~~

Completed

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5/20/81 <sup>E</sup> A-5-236-1 PD-H-1329 — OK  
 5/20/81 A-5-236-1 PD-H-1332 — OK  
 5/20/81 <sup>W</sup> A-5-236-1 PD-H-1334 — OK  
 5/5/81 <sup>P</sup> A-3-236-1 PD-H-1425 — OK  
 5/5/81 <sup>Q</sup> A-3-236-1 PD-H-1430 — OK

Accept ✓ dated 5/23/81 which corrected  
 reject ✓ of 5/20/81 has PT initials in rec cy  
 and [JR] initials in field copy.

5/18/81 <sup>Q</sup> A-3-236-1 PD-H-1449  
 rec cy reflect PT accepting on 6/9/81  
 and field cy reflects PT accepting on 6/7/81.  
 Initials on field copy are questionable

5/19/81 <sup>E</sup> A-3-236-1 PD-H-1450  
 Initials questionable in field copy

Initials in field cy not reflect in  
 rec cy which has PT initials

5/19/81 <sup>1</sup> A-3-236-1 PD-H-1478 — OK

5/19/81 <sup>u</sup> A-3-236-1 PD-H-1479 — OK

6/24/81 <sup>v</sup> A-3-236-1 PD-H-1484 — OK  
 (both WDRs voided out)

11/3/81 <sup>w</sup> A-1-236-1 PD-H-1587 — OK

11/3/81 <sup>x</sup> A-1-236-1 PD-H-1588 — OK

11/3/81 <sup>y</sup> A-1-236-1 PD-H-1589 — OK

11/3/81 <sup>z</sup> A-1-236-1 PD-H-1592 — OK

6-18-81 <sup>aa</sup> A-6-236-1 PD-H-1652  
 rec cy not up to date w/ field copy

6-18-81 <sup>bb</sup> A-6-236-1 PD-H-1653  
 rec cy has PT initials <sup>7/25/81</sup> and field cy  
 has DGC initials for 7/25/81

6/18/81 <sup>cc</sup> A-6-236-1 PD-H-1668 — OK

6/18/81 <sup>dd</sup> A-6-236-1 PD-H-1678  
 rec cy has DGC initials for 7/25/81  
 field cy has PT initials for 7/25/81



A.

<sup>ee</sup>  
A-6-236-1 PD-H-1679  
initials on rec cy questionable

6/18/81 <sup>tt</sup>  
A-6-236-1 PD-H-1682  
~~rec cy not up to date w/ field copy~~  
rec cy reflects DGC initials 7/25/81  
field cy reflects PT initials 7/25/81

4/24/82 <sup>oo</sup>  
A-6-236-1 PD-H-1688  
rec cy not up to date w/ field copy

6/18/81 <sup>uu</sup>  
A-6-236-1 PD-H-1690 — OK

6/18/81 <sup>tt</sup>  
A-6-236-1 PD-H-1693  
rec cy not up to date w/ field copy  
rec cy has one entry

6/18/81 <sup>jj</sup>  
A-6-236-1 PD-H-1695  
rec cy reflects DGC initials 7/25/81  
field cy reflects PT initials 7/25/81  
rec cy has one entry

6/18/81 <sup>kk</sup>  
A-6-236-1 PD-H-1697 OK

6/18/81 <sup>ll</sup>  
A-6-236-1 PD-H-1700 OK

6/18/81 <sup>mm</sup>  
A-6-236-1 PD-H-1703 OK



5,

6/18/81	<sup>af</sup> A-6-236-1	PD-H-1705	OK.
6/18/81	<sup>op</sup> A-6-236-1	PD-H-1706	OK
7/23/81	<sup>pe</sup> A-6-236-1	PD-H-1707	OK.
6/18/81	<sup>af</sup> A-6-236-1	PD-H-1712	OK.
6/18/81	<sup>re</sup> A-6-236-1	PD-H-1716	OK
7/2/81	<sup>ss</sup> A-6-236-1	PD-H-1717	OK
6/18/81	<sup>th</sup> A-6-236-1	PD-H-1721	OK
5/21/81	<sup>uw</sup> A-5-236-1	PD-H-1742	rec cy not up to date w/field cy
5/21/81	<sup>w</sup> A-5-236-1	PD-H-1744	rec cy not up to date w/field cy
5/21/81	<sup>uw</sup> A-5-236-1	PD-H-1763	OK
5/21/81	<sup>re</sup> A-5-236-1	PD-H-1768	initials on field cy questionable rec cy appears OK.

7/1/81<sup>14</sup> A-4-236-1

CC-H-304

11/19/81<sup>22</sup> A-1-216-1

PD-H-1015

Bob Shultz

with [unclear]  
FTS-264-3311

Comment 1225-

06-16-82

Kisser from R1 called and stated that Shultz is out of town and will not be back until next week (06-21-82) and, therefore, there is nothing that can be done as far as tracking down that is concerned. Shultz will call as soon as he gets back.

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6/8/82

Weld insp  
w/pt, veld insp log-

called GF on 4/13/82 3:15<sup>PM</sup> from

Seismic  
Class I  
Weld

Don Sands
Steve Mountcastle
Pete Tingen
Bill Pere

Safe plant  
Shut  
down

( ) said he heard that ( ) had gone to NRC  
that ( ) had knowledge that forged initials  
had been used on several WDR and had  
not done anything about it.

Reg guide  
1.29

( ) claimed in TC that he "printed" initials  
in intending to have the inspector

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2

87  
86

[Diane Hardy]  
Sec for [Frank Taylor]

[Pete Tegin] - told \$ that used to sign  
his name for him

Ken (large man w/beard) reviews WDRs



6-9-82 [Frank W. Taylor]

[Dyanne R. Hardy] - clerk QA/Harris  
daily pipe hanger report  
used for daily logging

WDR 3cy set wh/yel/pink

wh retained by QA  
yel "went into field w/hanger package  
pink to Mech engineering

yel would stay w/ package through  
early phase I and late phase ~~I~~ I and  
phase II. and would remain on site  
until job completed.

Just was  
required to  
doc yellow  
and when  
returned  
to office he  
was supposed  
to doc on wh

during comparison w/ wh & yellow copies  
several discrepancies were found  
by weld procedure variances, description  
of welds and personnel who did the  
work and/or inspection.

Alex Fuller  
in Eng.

based on this finding of discrepancies, QA/QC began to review WDR in detail. In evident discrepancies work was re-inspected.



Mech Eng had hanger of week program in ± Oct 81 and would completely audit, inspect hanger and records, against their copy of hanger package.

— action instituted following early phase I if paper work did not match, a complete reinspection of hanger unit would be conducted, by QA

Seismic  
I, II, III

New system - white cy to field and will be completed for early phase I. and placed in vault.

Early phase I = hanger up but not holding any pipe.

This system initiated Mar/Apr period.

Judy MacDonald

1. [T. Tinger]  
6.10.82

During [OT] (procedure)

field ~~at~~ would turn in chits on  
Friday PM along w/ field package  
SAT AM WI would take chit & field  
package along w/ inspector

liked to work OT  
said he would do paper work  
would fill out QA/QC WDR except  
initials. and place paper work on desk  
[P] would initial forms on Monday AM

may have also initialed some WDRs

[P] did not know if was doing this  
for anyone else.

during resinspection period WI's  
were working 10-12 hours per  
day, 7 days a week.

Mynt was aware of over work  
problem but did not respond.

Now - it is ok - plenty help available

6:10.82

probably filled out 5% of paperwork for \$ for on  $\pm$  3-4 week (4-5 weeks later) period. Probably during fall.

Reinsp during Sep 80 to  $\pm$  Apr 81 (May 81)

kept log by himself, except for  $\pm$  1 week period. ( was always at work.

\$ began letting ( do his paperwork  $\pm$  sometime around (Dec volunteered to do \$ paperwork right from the start of reinspection.

Sep-Dec \$ did paperwork himself from XMAS to Jan ( was doing paperwork. ( began getting too much OT)

$\pm$  Feb on \$ was again doing his paperwork.



3 [Turgin]

6.10.82

\$ adv he always completed field copy of WDR, and that he always had field copy available during his inspections

possibly [redacted] was inspecting  
and if he couldn't actually  
do insps he may have put  
someone else's initials to cover  
himself.





Carolina Power & Light Company

Company Correspondence

March 15, 1982

MEMORANDUM TO: Distribution

MS-9402

FROM: A. M. Lucas

SUBJECT: Shearon Harris Nuclear Power Plant  
Document Sign-Off by Designees

Frequently, it is necessary for a designee to render approval of correspondence, forms, etc. during the absence of the person that has the primary responsibility for approval. In cases where the designee signs a document that calls out the name or position/title of the primary person, the designee should sign or initial, as appropriate, in accordance with one of the following examples (typed portions represent that typical to the document, with A. M. Lucas signing as R. M. Parsons' designee):

A.M. Lucas  
for R.M. PARSONS

A.M. Lucas for RMP

A.M. Lucas  
for Site Manager

A.M. Lucas for RMP  
Site Manager

In cases where the document does not call out a name or position/title for sign-off, the designee should sign without notations being made. Please be reminded, however, that for documents "auditable" under the QA program and which are signed by a designee, the designee's authority is to be established in writing by the person with primary responsibility. The CI unit is maintaining a file of designee memos, so copies should be provided accordingly.

A.M. Lucas

GMS/bc

- cc: Mr. A. Cockerill
- Mr. G. L. Forehand
- Mr. W. D. Gooden
- Mr. R. Hanford
- Mr. E. B. Isom
- Mr. R. M. Parsons
- Mr. W. E. Seyler
- Mr. G. M. Simpson
- Mr. M. F. Thompson
- Mr. E. E. Willett

90 89

Item: Activity Name or Description: Pipe Hangers  
 Shop Order: N/A  
 Code Class: Seismic I  
 Quantity: 1  
 Quality Assurance (PO & Item No.): QA- N/A

Serial, Heat or Other Identification No.: See Below  
 Supplier or Manufacturer: N/A  
 Type of Procurement:  
 CP&L PO  Transfer  
 A-E PO N/A  NSSS PO

Violation (Specification, Drawing, Procedure or Other): QCI-19.1, Exhibit 4  
 NCR No.: N/A  
 Reporting Inspector: Bill Pere

**Deficiency Details:**  
 Someone wrote the initials of Steve Mountcastle and Pete Tingen on WDR's to indicate rejections or acceptance of welds by these inspectors.  
 \*In one case, the inspection indicated acceptance of welds that were still rejectable (the defect was weld overlap) WDR's affected:  
 \* A-1-190-1-CT-H-459  
 A-2-236-1-PD-H-1556  
 A-6-236-1-PD-H-1702  
 A-5-236-1-PD-H-1780  
 A-2-236-1-PD-H-1573  
 A-6-236-1-PD-H-1673  
 A-2-236-1-PD-H-1577  
 A-1-190-1-SL-H-731  
 A-2-236-1-PD-H-1558  
 A-1-216-1-SW-H-1824  
 A-1-216-1-SW-H-1826  
 A-2-236-1-PD-H-1572

DDR Evaluation				
<input checked="" type="checkbox"/>	Construction Phase			
<input type="checkbox"/>	Engineering Phase			
<input type="checkbox"/>	QA Program Violation			
<input type="checkbox"/>	Specification Deviation			
<input checked="" type="checkbox"/>	Procedural Deviation			
<input type="checkbox"/>	Unacceptable Workmanship			
<input checked="" type="checkbox"/>	Damage/Defect			
<input type="checkbox"/>	Other			
<input type="checkbox"/>	Not Reportable*			
	Site QA/QC	QA Engr.	HPES	NP
Eval. By -				
Date				

\*Under evaluation by NFCD.

*William Pere*  
 QA/QC Specialist

4/15/88  
 Date

Final Disposition: Verified  Hold Tags Removed

Remarks:

QA/QC Inspector \_\_\_\_\_ Date \_\_\_\_\_

Accepted by:

QA/QC Specialist \_\_\_\_\_ Date \_\_\_\_\_

**Distribution:**  
 Orig: Director - QA/QC - SHNPP  
 CC: Proj. Gen. Mgr./Sr. Res. Engr.  
 Initiating QA/QC Specialist  
 Accounting  
 Mgr. - EOC QA/QC  
 Mgr. - NPIB  
 A-E Site QA Representative  
 NSSS Site Representative  
 ANI  
 Plant

ANI Concurrence (ASME Code Section III Items Only):

Authorized Nuclear Inspector \_\_\_\_\_ Date \_\_\_\_\_

Report Closed:

91 98  
 Director - QA/QC - SHNPP \_\_\_\_\_ Date \_\_\_\_\_

Contrary to the above, a welding inspector signed inspection records indicating he had inspected welds and found them acceptable when, in fact, the welds had been inspected by other individuals and he had not personally inspected the welds.

- B. 19 CFR 50, Appendix B, Criterion II, as implemented by section 1.4.9 (1.58) of the PSAR requires the licensee to comply with ANSI N45.2.6-1973.

Contrary to the above, the licensee did not comply with section 2.2 of ANSI N45.2.6-1973 in that two individuals performed weld inspections before they were certified by the licensee as being qualified to perform the assigned work.

Denial or Admission and Reasons for Violations:

- A. The violation is correct as stated. The inspector in question (Inspector A) when questioned, admitted that he did not reinspect each weld inspected by trainees under his supervision. The inspector further stated that he had worked with the trainees and had reinspected their work until he was satisfied that they were capable of performing the inspections satisfactorily. He admitted that he signed inspection records for which the trainees had actually performed the inspections, but stated he was confident that the inspections were performed correctly. He felt there was nothing wrong with him signing the inspection records since the trainees were under his supervision.

Further investigation revealed that Inspector A, while in the process of reviewing daily weld inspection records for seismic pipe hangers, had routinely taken it upon himself to print the inspector's initials on the record when the inspector who had performed the inspection had failed to do so. Inspector A readily admitted this, on a one case basis, when confronted with a weld inspection record on which the inspector's initials were questionable. He later admitted to having done this routinely when several additional examples were found. He stated that he saw nothing wrong with this practice since he knew which inspectors had actually performed the inspections. He further stated that he had not intended to forge the initials, but merely indicate who had done the inspection. He indicated that he intended to get the appropriate inspectors to initial the records later, but just hadn't found time to do it. Investigation found that the various initials allegedly printed by Inspector A have little resemblance to initials written by the inspectors in question.

(At this point in our investigation, Inspector A left CP&L employment for a position elsewhere.)

-continued-

Having determined that Inspector A had, at least, used poor judgment in his handling of trainees' inspections and using other inspectors' initials on records, a detailed review of all seismic pipe hanger weld records WDR's processed by Inspector A was conducted. Findings are as follows:

1. Inspector A inserted initials of other inspectors on WDR's (a total of 12 WDR's).
2. Inspector A inserted his own initials on WDR's for hanger welds which had been inspected by other inspectors (not trainees).
3. Inspector A indicated acceptance of hanger welds on WDR's by inserting another inspector's initials for welds which had been previously rejected by that inspector without evidence of rework and reinspection (1 WDR).

B. The violation is admitted with the following clarification:

The two individuals in question (Inspector B and Inspector C) did, in fact, perform weld inspections prior to being certified as being qualified to perform that function. However, these inspections were performed under the direct supervision of a qualified inspector (Inspector A) who maintained himself in the immediate vicinity and who assumed responsibility for the inspections by affixing his own initials on the weld inspection reports.

Site QA procedure CQA-1, Personnel Training and Qualification, paragraph 7.1 states in part: "As the inspector in training develops proficiency, he may be allowed to perform certain functions with minimal supervision; however, he will not be permitted to sign-off holdpoints in verification of quality requirements for work activities." CP&L investigation into this matter clearly indicates that inspectors A, B and C, in their respective roles, felt they were in full compliance with procedure requirements.

Corrective Steps Taken and Results Achieved:

A. In the case of the stated violation which involved Inspector A indicating he had inspected welds when, in fact, the welds had been inspected by other individuals (trainees under his supervision), corrective action is as described for item B below. Corrective action for the additional findings of our investigation are as follows:

1. Where Inspector A inserted the initials of other inspectors:
  - (a) The inspection was verified by the inspector's initials on either the working copy of the WDR or the Inspection Request form for 9 of the 12 WDR's in question. The appropriate inspector initialled and dated the WDR.



1. Those hangers for which the inspection cannot be verified by the working copy of the WDR or the Inspection Request form will be reinspected and a new WDR generated.
2. Where Inspector A inserted his own initials for inspections performed by other inspectors:
  - (a) If the inspector is still on the job and his inspection can be verified by his initials on the working copy of the WDR or the Inspection Request form, the inspector will initial and date the WDR.
  - (b) If the inspector is no longer on the job or his inspection cannot be verified by the working copy of the WDR or the Inspection Request form, the hanger will be reinspected and a new WDR generated.
3. Where Inspector A indicated acceptance of welds by inserting the initials of another inspector for welds previously rejected by that inspector (no evidence of rework and reinspection):

Hanger was reinspected and rejected pending rework. Appropriate entries were made on the WDR.

- B. CP&L was able to verify that Inspector A had not reinspected each weld inspected by Inspectors B & C while in trainee status. We have determined that Inspector B was a trainee under Inspector A from October 13, 1980 to February 17, 1981 and that Inspector C was a trainee under Inspector A from September 8, 1981 to November 16, 1981.

We have identified those hangers "signed off" by Inspector A during those periods which, by virtue of location or interference, would have been difficult to inspect (approximately 200 hangers) and are in the process of reinspecting the field welds. Weld deficiencies found will be handled as nonconformances. This effort is expected to be complete by August 1, 1981.

Corrective Steps Taken to Avoid Further Noncompliance:

- A. Inspection personnel have been reinstructed in the seriousness of signing or initialling for work not performed by themselves and for the use of another inspector's name or initials on inspection records.
- B. Procedure CQA-1, paragraph 7.1 has been revised, in part, to read: "As the inspector in training develops proficiency, he may be allowed to perform certain inspection functions under the supervision of a qualified inspector; however, the qualified inspector is responsible for reinspection to the extent necessary to verify the accuracy of the trainee's inspection". This procedure revision is in the review process and is expected to be issued by June 1, 1982. Inspection personnel have been reinstructed as to their responsibilities relative to reinspecting work done by trainees prior to "signing-off".



Date When Full Compliance Will Be Achieved:

- A. Full compliance will be achieved by September 1, 1980.
- B. Full compliance will be achieved by August 1, 1980.

Note: There are two minor errors in IE Report No. 50-400/82-03 and 50-401/82-03:

- 1. On page I-2 of the report under CONCLUSIONS:  
Item 1 should read "uncertified welding inspectors" rather than "uncertified welders".
- 2. On page II-2 of the DETAILS OF INVESTIGATION:  
B. L. Holcombe is not a Welding Engineer. He is a Welding Supervisor.