

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

M.R. Bare  
7/19/78

## RANDOM INSPECTION WORKSHEET

JWB

ITEM INSPECTED

Motor Control Centers

UNIT

1&2

WORKSHEET NO.

EE-91

LOCATION: COL./ELEV.

Nuclear Service Water

REFERENCE DRAWINGS

CN-1940-01, CN-1349-3

DISCREPANCIES NOTED

MCC's 1EMXQ, 1EMXO, and 2EMXP does not contact their  
respective bases on all four corners. Note 10 CN-1349-3 states  
that all nuts anchoring equipment shall be finger tight plus  
1/4 turn, this does not pull the MCC's down on the corners because  
of the curvature of the top of the bases

INSPECTOR

Johnny C. ByersDATE 6-27-78

REVIEWED BY

Michael Bare

DATE

6/27/78

FIELD CORRECTIVE ACTION TAKEN

DESIGN ENGINEERING WAS INFORMED OF THE  
SMALL GAPS ON THE CORNERS AND IT DOES NOT AFFECT SEISMIC  
CALCULATIONS.

CORRECTED BY

J.M. Bare

DATE

7-19-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

7-19-78

INSPECTOR

J.C. ByersB405240524 B31117  
PDR ADDCK 05000413  
PDRA-53  
11/17/87

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

M.A. Bore

DATE

10/3/78

## RANDOM INSPECTION WORKSHEET

KWR

ITEM INSPECTED

C-HEATER DRAIN PUMP MOTOR 2487P39

UNIT

2

WORKSHEET NO.

EE-92

LOCATION: COL./ELEV.

WAREHOUSE # 1

REFERENCE DRAWINGS

ITEM NO. 1318.01-00-0001

DISCREPANCIES NOTED

"C" HEATER DRAIN PUMP MOTOR 2487P39 IS LEAKING OIL AT THE  
TOP OF THE MOTOR

NOT NUCLEAR SAFETY RELATED

INSPECTOR Louis J. Rudinick DATE 6/28/78 REVIEWED BY Michael Bore DATE 7/3/78

FIELD CORRECTIVE ACTION TAKEN

RE: A. EHRENBURG (B-6159) W/REP. CONTACTED FOR REPAIR. ITEM  
CORRECTED 8/78 OK

CORRECTED BY M.A. Bore DATE 8/21/78DISCREPANCIES CORRECTED ☒REINSPECTION DATE 8-28-78INSPECTOR Louis J. Rudinick

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CatawbaQ.A. APPROVAL J.H. BoreDATE 9/5/78

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED <u>Cable Tray Hanger # 29B</u>		UNIT <u>1</u>	WORKSHEET NO. <u>EE-93</u>
LOCATION: COL./ELEV. <u>BB/52-53 EL. 543</u>		REFERENCE DRAWINGS <u>CN 1891.01, 1891-05, 1903.01</u>	
DISCREPANCIES NOTED <u>The Horizontal Transverse Brace has been Attached incorrectly</u> <u>HS-1, CN-1903-01 calls for P-1346 on both ends of the Transverse</u> <u>Brace. The hanger has been installed with P-1026 on the Hanger</u> <u>side and ASTM-A-36 Angle on the column BB/52.</u>			
INSPECTOR <u>Johnny C. Byers</u> DATE <u>6-29-78</u> REVIEWED BY <u>Michael Bore</u> DATE <u>7/3/78</u>			
FIELD CORRECTIVE ACTION TAKEN <u>This is covered by Detail W on 1891-05</u>			
CORRECTED BY <u>J.R. Land</u> DATE <u>8-30-78</u>			
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>		REINSPECTION DATE <u>9-1-78</u> INSPECTOR <u>J.C. Byers</u>	

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CatawbaQ.A. APPROVAL W.A. [signature]DATE 3/30/79

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED

Cable Tray Hunger 66B

UNIT

1

WORKSHEET NO.

EE-94

LOCATION: COL. ELEV.

55/NN-MM EL. 543

REFERENCE DRAWINGS

CN-1891-02, 1891-05, 1903-02, VN-1906

DISCREPANCIES NOTED

One vertical leg of 66B has not been attached to the ceiling  
in accordance with VN-1906 sketch #1, also the transverse  
brace has been omitted.

INSPECTOR J.C. ByersDATE 7-7-78REVIEWED BY Michael BoreDATE 7/10/78

FIELD CORRECTIVE ACTION TAKEN

Installed per CN 1903-02 Rev 7 & 1891-05 Rev 14CORRECTED BY J.C. ByersDATE 3-29-79DISCREPANCIES CORRECTED ☒REINSPECTION DATE 3-29-79INSPECTOR J.C. Byers



NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

M.L. Bore7/12/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

Cable Tray Hanger 68A

UNIT

1

WORKSHEET NO.

EE-96

LOCATION: COL. ELEV.

54-53/NW-MM EL. 543

REFERENCE DRAWINGS

CN 1891-02, 1891-05, 1903-N

DISCREPANCIES NOTED

Hanger 68A. Both longitudinal Braces have been Removed

INSPECTOR

J.C. Byers

DATE

7-7-78

REVIEWED BY

Michael Bore

DATE

7/10/78

FIELD CORRECTIVE ACTION TAKEN

Both Longitudinal Braces reinstalled

CORRECTED BY

J.H. Land

DATE

8-9-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

8-16-78

INSPECTOR

J.C. Byers

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

W R Bar  
8/17/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

Cable Tray Hangers 82B

UNIT

1

WORKSHEET NO.

EE-97

LOCATION: COL./ELEV.

NN-MM/8'0" South of 53 EL. 543

REFERENCE DRAWINGS

CN-1891-02, 1891-05, 1903-01

DISCREPANCIES NOTED

Hanger 82B has only one longitudinal brace, HS-2  
calls for 2.

INSPECTOR

JL ByersDATE 7-7-78

REVIEWED BY

Michael Brown

DATE

7/10/78

FIELD CORRECTIVE ACTION TAKEN

Longitudinal brace reinstalled

CORRECTED BY

John D. Smith

DATE

8-10-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

8-16-78

INSPECTOR

JL Byers

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

MR. Box  
9/19/78

NUCLEAR SAFETY RELATED

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

Cable Tray Hanger 34C

UNIT

1

WORKSHEET NO.

EE-98

LOCATION: COL./ELEV.

55-56/HH-GG EL 543

REFERENCE DRAWINGS

1891-02, 1891-05, 1903-01, UN 1258

DISCREPANCIES NOTED

Hanger 34C hasn't been revised per UN 1258. Width is  
3'3 1/2". UN 1258 Calls for 3'10"

INSPECTOR

JC Byers

DATE

7-7-78

REVIEWED BY

Michael R Box

DATE

7/10/78

FIELD CORRECTIVE ACTION TAKEN

SEE NCI # 2929 DATED 3/29/78

CORRECTED BY

J. M. Bunn

DATE

8-7-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

9-19-78

INSPECTOR

JC Byers

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

MR. Bore  
8/22/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

Cable Tray Hanger

UNIT

1

WORKSHEET NO.

EE-99

LOCATION: COL./ELEV.

54-55/NN-MM EL. 543

REFERENCE DRAWINGS

CN-1891-02, 1891-05, 1903-01

DISCREPANCIES NOTED

Hanger 98B. The Rungs are not welded to the vertical  
P-1001 as is specified on HS-26, also one longitudinal brace  
has been removed

INSPECTOR

JC ByersDATE 7-7-78

REVIEWED BY

Michael Bore

DATE

2/10/78

FIELD CORRECTIVE ACTION TAKEN

Welded rungs - replaced brace

CORRECTED BY

JR Land

DATE

8-11-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

8-16-78

INSPECTOR

JC Byers



DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. Brown  
8/15/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

UNIT

WORKSHEET NO.

ESSENTIAL LOADCENTERS 1ELXA &amp; 1ELXC

1

EE-100

LOCATION: COL./ELEV.

ELEV. 577'

REFERENCE DRAWINGS

Col LINDS

AAE-EE 42649-577' AAEBA45546

P 3A E-153 &amp; E-154

DISCREPANCIES NOTED

ESSENTIAL LOADCENTERS 1ELXA & 1ELXC ARE NOT IN LOCATION  
DESCRIBED ON P3A Numbers E-153 & E-154. LoadCENTERS  
1ELXA & 1ELXC ARE ON ELEVATION 594 OF Auxiliary Building  
WITHOUT INTERNAL HEATER OPERATION, IN VIOLATION TO P3A  
REQUIREMENTS.

NUCLEAR SAFETY RELATED

INSPECTOR

DATE 7/13/78

REVIEWED BY

DATE 7/13/78

FIELD CORRECTIVE ACTION TAKEN

Load centers are in correct location and heat has  
been made operational

CORRECTED BY

DATE

8-10-78

DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

8-12-78

INSPECTOR

James L. Bicknell

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. Bore  
8/23/78

## RANDOM INSPECTION WORKSHEET

JRE

ITEM INSPECTED

UNIT

WORKSHEET NO.

NUCLEAR SERVICE WATER Pump motor

142

EE-102

LOCATION: COL./ELEV.

REFERENCE DRAWINGS

WAREHOUSE NUMBER 1

P3A E-110

DISCREPANCIES NOTED

NUCLEAR SERVICE WATER Pump motor 2877-74F18433 is  
LEAKING oil NEAR TOP oil RESERVOIR.

NUCLEAR SAFETY RELATED

INSPECTOR

James L. RudnickDATE 7/25/78

REVIEWED BY

Michael BoreDATE 7/26/78

FIELD CORRECTIVE ACTION TAKEN

WORK FINISHED BY ② Representative Dan Boleat OK

CORRECTED BY

W. B. Bore

DATE

8/21/78DISCREPANCIES CORRECTED ☒REINSPECTION DATE 8-21-78

INSPECTOR

James L. Rudnick

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

M. Bore  
8/23/78

## RANDOM INSPECTION WORKSHEET

BM

ITEM INSPECTED

"C" HEATER DRAIN Pump MOTOR

UNIT

1

WORKSHEET NO.

EE-103LOCATION: 001.755V.WAREHOUSE #1

REFERENCE DRAWINGS

P3A - E-112

DISCREPANCIES NOTED

"C" HEATER DRAIN Pump Motor ISB7P37 LEAKING OIL NEAR TOP  
OIL RESERVOIR

**NOT NUCLEAR SAFETY RELATED**

INSPECTOR

James L. RindellDATE 7/25/78

REVIEWED BY

Michael Bore

DATE

7/30/78

FIELD CORRECTIVE ACTION TAKEN

(u) representative Don Polak repaired in field 8/16/78.

CORRECTED BY

J. Bore

DATE

8/17/78DISCREPANCIES CORRECTED ☒REINSPECTION DATE 8-21-78

INSPECTOR

James L. Rindell

Nuclear  
SAFETY  
RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. Bove  
2/20/79

## RANDOM INSPECTION WORKSHEET

D

ITEM INSPECTED

REACTOR COOLANT PUMP SWITCHGEAR - 1A

UNIT

1

WORKSHEET NO.

EE-104

LOCATION: COL./ELEV.

EL. 577'±2" Cons. 52 FCC

REFERENCE DRAWINGS

CN-1877-01, CNM-1312-07 003, CN-1212-13

DISCREPANCIES NOTED

WHEN THE DOOR ON THE POTENTIAL TRANSFORMER COMPARTMENT IS OPENED THE TUBULAR STEEL GRID INTERFERES. THIS WILL PREVENT THE P.T. DRAWER FROM BEING OPENED WITHOUT TAKING OFF THE MAIN DOOR. (SUGGEST USING SPLIT DOORS AS ON THE BREAKER COMPARTMENT)

INSPECTOR

J. M. BoveDATE 2-25-79

REVIEWED BY

Michael BoveDATE 2/25/79~~REPAIR~~ CORRECTIVE ACTION TAKEN

Could/IE will send a split door for replacement. Delivery date will be assigned later. Refer to the attached letter and drawings upon arrival.

CORRECTED BY

J. M. BoveDATE 2-1-79DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

3-27-79

INSPECTOR

J. M. Bove

Asst. FLD ENGR  
LS. EUBT



Dev./Station \_\_\_\_\_

Unit \_\_\_\_\_ File No. \_\_\_\_\_

Subject \_\_\_\_\_

By \_\_\_\_\_

Date \_\_\_\_\_

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

Problem No. \_\_\_\_\_

Checked By \_\_\_\_\_

Date \_\_\_\_\_

Mike,

Please write the solution to this problem  
on the Form M-40c attached and return it to  
me.

Thanks,

Jeff.

Could/ITE will send some split discs. Delivery  
date - later. Info to the attached letter & drawings.

Handwritten notes and scribbles, possibly a signature or initials.

July 25, 1978

C. J. Wylie, Chief Engineer  
Electrical Division  
Duke Power Company  
Post Office Box 2178  
526 South Church Street  
Charlotte, North Carolina 28242

Attention: J. M. Surratt, Design Engineering

Gentlemen:

Reference: Catawba Nuclear Station  
Reactor Coolant Pump Switchgear  
Mill-Power C. O. CNS-8418  
to P. O. A-99600  
Our S. O. 33-52420

Because of cable tray interference, you inquired if we could furnish a split front panel to replace the full-high panel on auxiliary cubicle #2 shipped under ITEM A. This has been ordered at NO CHARGE. Supplemental hardware will be furnished for use with existing hardware from cubicle #2.

The attached is for your reference when the equipment arrives at Catawba Nuclear Station.

Very truly yours,

John W. Harrawood  
District Sales Manager

JWl:y

Att.

CC: P. D. Stephenson  
Asst. Manager-Purchases  
Plant Construction

COULD

TICKLER FILE  
FILE \_\_\_\_\_  
REFERRAL TO \_\_\_\_\_  
NOT D.C.W.  
NOTE: ADVISE  
CHUCK ANSWER  
ATTEND TO \_\_\_\_\_  
RETURN TO \_\_\_\_\_  
REOPEN \_\_\_\_\_

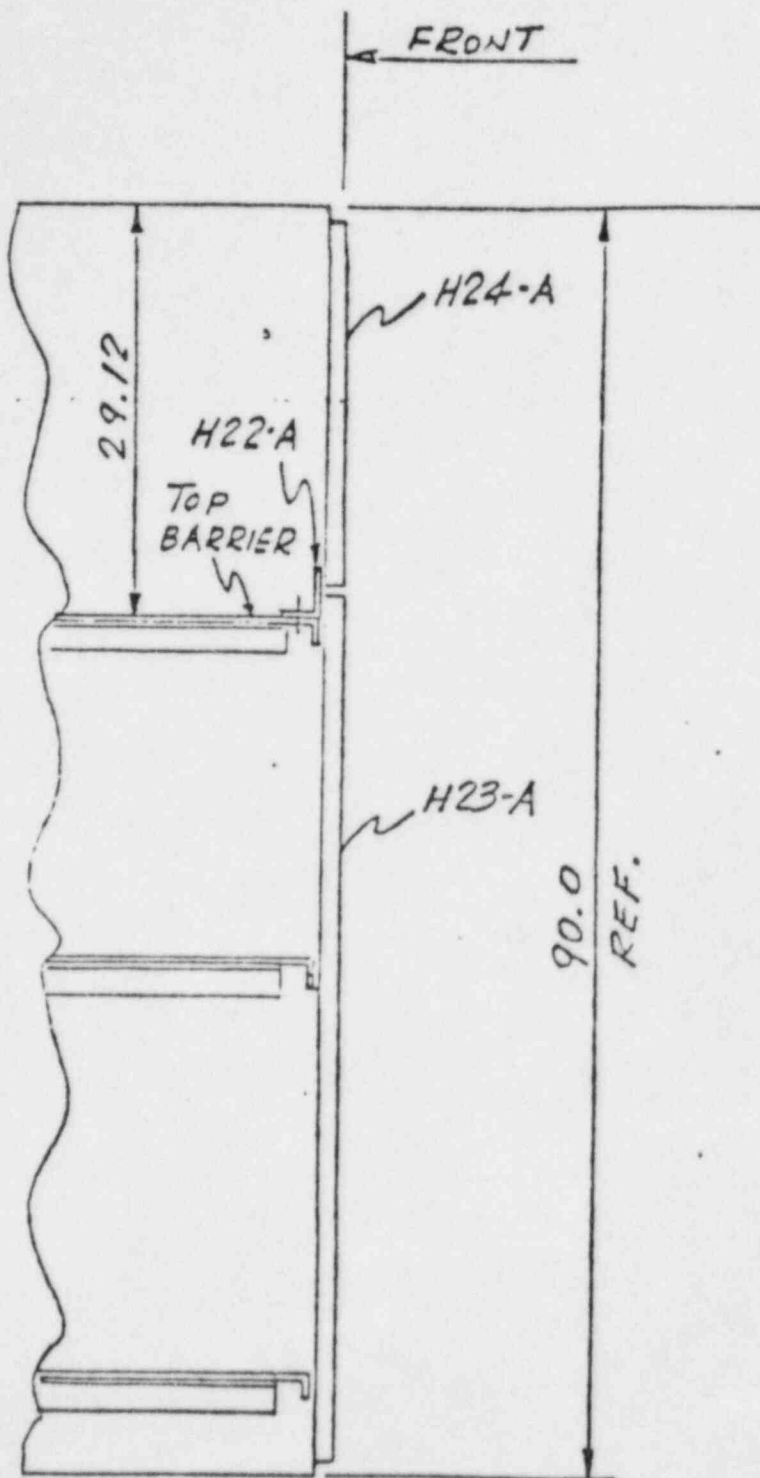




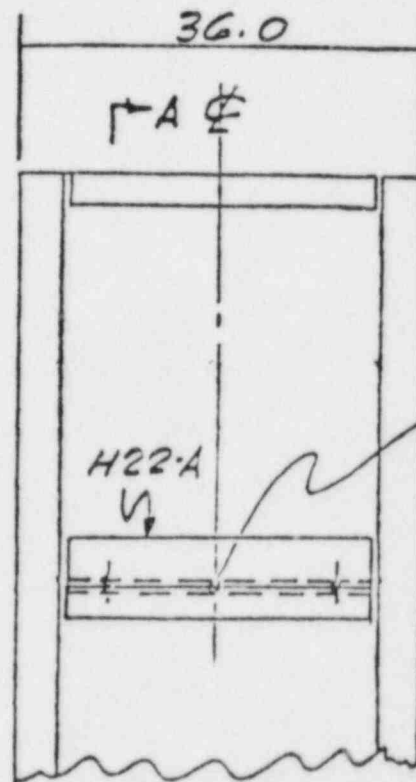


CARD  
70E

(1) REQ



SECT. "A-A"



DRILL (3)  
.312 DIA.  
HOLES IN  
TOP BARR.  
USING ANG  
AS TEMPL.

FRONT VIEW  
(DOORS REMOVED)  
I.T.E CUB.#2

L → A

5	4	3	2	1	PC. NO.	GOULD DRAWING NUMBER	DESCRIPTION	CODE	TOTAL	INFO.
1							I.T.E CUB.#2 FRONT PANEL	BY J.CARP APP	S.O. 33-52420 ITEM A	SHT. NO.

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBAQ.A. APPROVAL [Signature]DATE 7/24/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

CABLE TRAY

UNIT

1

WORKSHEET NO.

EE-105

LOCATION: COL./ELEV.

EAST OF GG SOUTH OF 54' ELEV 522 CN 1070 OL REN 7

REFERENCE DRAWINGS

DISCREPANCIES NOTED

CABLE TRAY AT ELEVATION 530'0" NOT FASTENED TO HANGER 1 HASA  
EAST OF GG SOUTH OF COL. LINE 51

NUCLEAR SAFETY RELATED

Shims added to Tray 2R Lane 9-8-78INSPECTOR James L. RuckelshausDATE 7/28/78REVIEWED BY Richard BaneDATE 7/31/78

FIELD CORRECTIVE ACTION TAKEN

A NOTE WILL BE ADDED TO AVOID SWIMMING  
ON THIS PROBLEM. DESIGN WAS NOTIFIED.OK-1870-02 Rev 10 - Note #5 CORRECTED BY J. W. Bane DATE 8-21-78DISCREPANCIES CORRECTED ☒REINSPECTION DATE 9-20-78INSPECTOR James L. Ruckelshaus

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT

Q.A. APPROVAL

DATE

*J.R. Bore*  
*8/17/78*

NUCLEAR SAFETY RELATION

PROJECT *Catawba*

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

*Cable Tray Hanger 67-B*

UNIT

*1*

WORKSHEET NO.

*EE-106*

LOCATION: COL./ELEV.

*MM-NN/55-56 EL. 543*

REFERENCE DRAWINGS

*CN-1891-02, 1891-05, 1903-01*

DISCREPANCIES NOTED

*The lugs are not welded to the vertical  
P.1001 as is called for on HS-26, 1903-01*

INSPECTOR

*J.C. Byrns*

DATE

*7-28-78*

REVIEWED BY

*Michael Bore*

DATE

*7/31/78*

FIELD CORRECTIVE ACTION TAKEN

*Welded rings*

CORRECTED BY

*J.R. Lord*

DATE

*8-11-78*DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

*8-16-78*

INSPECTOR

*J.C. Byrns*



DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

W.B. Moore  
1/23/79

NUCLEAR SAFETY RELATED

## RANDOM INSPECTION WORKSHEET

BM

ITEM INSPECTED

Cable Tray Hangers

UNIT

1

WORKSHEET NO.

EE-107

LOCATION: COL./ELEV.

55-57/2' west of NN EL. 542

REFERENCE DRAWINGS

CN-1891-02

DISCREPANCIES NOTED

CN 1891-02 shows 4 Hangers Running North to South between Col 55 and 57. There are 5 Hangers installed.

INSPECTOR

J.C. Byrnes

DATE 2-28-78

REVIEWED BY

Michael Bore

DATE 2/21/78

FIELD CORRECTIVE ACTION TAKEN

DESIGN (R.D. APERNATH) TO ADD ONE GIC HANGER

BETWEEN 55+57 NEXT REVISION OF 1891-02

Print Reviewed

12-29-78

JCS

CORRECTED BY

W.B. Moore

DATE

2 Aug 78

DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

2-17-79

INSPECTOR

J.C. Byrnes

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

Michael Bore  
9/14/78

NUCLEAR SAFETY RELATED

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

UNIT

WORKSHEET NO.

Cable Tray Hanger 56-B1EE-108

LOCATION: COL./ELEV.

REFERENCE DRAWINGS

57-56/6'-6" west of NN EL 543CN 1891-02, 1891-05, 1903-02

DISCREPANCIES NOTED

HS-38-A Calls for two Longitudinal Braces, but only one  
has been installed.

INSPECTOR

DATE

REVIEWED BY

DATE

J.C. Byers7-28-78Michael Bore7/31/78

FIELD CORRECTIVE ACTION TAKEN

One Longitudinal brace installed

CORRECTED BY

DATE

J.C. Byers9-6-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

INSPECTOR

9-14-78J.C. Byers

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

122 Bare  
9/19/78

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED

Cable Tray Hangers

UNIT

1

WORKSHEET NO.

EE-109

LOCATION: COL./ELEV.

54-55/HH-GG EL. 543

REFERENCE DRAWINGS

CN-1891-02, 1891-05, 1903-02

DISCREPANCIES NOTED

Hangers 53B & 54-B have no transverse brace  
HS-40 1903-02 calls for each of these hangers to have  
transverse braces.

INSPECTOR

JC Byers

DATE

7-28-78

REVIEWED BY

Michael Bare

DATE

26/1/78

FIELD CORRECTIVE ACTION TAKEN

Transverse Braces installed

CORRECTED BY

JR Lunt

DATE

9-6-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

9-17-78

INSPECTOR

JC Byers

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CatawbaQ.A. APPROVAL MR. Borge  
DATE 6/27/79  
Corrected by Rev 3 to  
1903-06

## RANDOM INSPECTION WORKSHEET

BM

ITEM INSPECTED

Cable Tray Hangers 73A & 74A

UNIT

1

WORKSHEET NO.

EE-110

LOCATION: COL./ELEV.

52/KK-JJ EL. 543

REFERENCE DRAWINGS

CN 1891-2, 1891-05, 1903-06

DISCREPANCIES NOTED

The rungs and top horizontal members are  
Made of the wrong size TS (3x2x.1874). HS-46B Calls  
for TS (4x4x.25).

INSPECTOR

JC Byers

DATE

7-28-78

REVIEWED BY

Michael Borge

DATE

7/31/78

FIELD CORRECTIVE ACTION TAKEN

TOP HORIZ MEMBERS ARE 4x4x.25. DESIGN ENGR (MARK TULLY) WILL ACCEPT  
3x2x.1874 FOR RUNGS AND WILL REVISE DWGS TO REFLECT THIS.

CORRECTED BY

W B MOOSE JR

DATE

9 AUG 78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

9-21-78

INSPECTOR

JC Byers

Drawing Revised

CN 1903-06

Rev 3



NUCLEAR SAFETY RELATED

FORM M-40C

REVISION 2

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

M. J. Bone  
1/8/79

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

Cable Tray Hanger

UNIT

1

WORKSHEET NO.

EE-111

LOCATION: COL./ELEV.

KK/ 52/53EL. 543

REFERENCE DRAWINGS

1891-02, 1891-05, 1903-04 VN 1490

DISCREPANCIES NOTED

Hanger 71A on 1891-02 which was changed to a 41-A  
by VN-1490 #2 is not constructed per HS-48C CN 1903-04.

INSPECTOR

JC Byers

DATE

2-28-78

REVIEWED BY

Michael Bone

DATE

7/31/78

FIELD CORRECTIVE ACTION TAKEN

THIS PROBLEM NOW COVERED BY NCI 496

CORRECTED BY

WBMusset

DATE

2 Jan 79DISCREPANCIES CORRECTED ☐

REINSPECTION DATE

1/2/79

INSPECTOR

Ron McAffee

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. Bore  
8/18/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

UNIT

WORKSHEET NO.

CABLE TRAY HANGER1EE-112

LOCATION: COL./ELEV.

REFERENCE DRAWINGS

4'E. OF CG BETWEEN 54' 55" ELEV. 52' CN1890-01 R-7 CN1890-02 R-9 CN1903-01 R-9

DISCREPANCIES NOTED

HANGER 1HA7B REFERENCES HS-4 & HS-11A ON CN1903-01 R-9 FROM CN1890-02-  
R-9. SHOWS A LONGITUDINAL BRACE. HANGER 1HA7B DOES NOT HAVE  
LONGITUDINAL BRACING PER HS-4

NUCLEAR SAFETY RELATED

INSPECTOR

DATE

REVIEWED BY

DATE

James L. Rudisill7/31/78Michael Bore7/31/78

FIELD CORRECTIVE ACTION TAKEN

Longitudinal Braces installed

CORRECTED BY

DATE

26 Friday8-7-78DISCREPANCIES CORRECTED 06

REINSPECTION DATE

8-17-78

INSPECTOR

James L. Rudisill

DJKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE 7/33/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

CABLE TRAY HANGER

UNIT

1

WORKSHEET NO.

EE-113

LOCATION: COL./ELEV.

REFERENCE DRAWINGS

CN-1890-01 R-7 CN1890-02 R-9 CN-1903-01 R-9

DISCREPANCIES NOTED

HANGER 1H10A - TRAY AT ELEVATION 538'4.0" IS NOT MOUNTED TO  
CABLE TRAY HANGER 1H10A

NUCLEAR SAFETY RELATED

Hanger was relocated to allow tray to be shimmed to shims installed  
G.R. 9-8-78

INSPECTOR

James L. Rudolph DATE 7/28/78 REVIEWED BY Michael Bore DATE 7/31/78

FIELD CORRECTIVE ACTION TAKEN

DESIGN WAS NOTIFIED. A NOTE WILL BE ADDED  
TO ASLOW SHIMMING.

OK-1890-02 Rev. 10 - Note #5 CORRECTED BY J. W. B. Bore DATE 8-21-78

DISCREPANCIES CORRECTED ☒REINSPECTION DATE 9-20-78

INSPECTOR

James L. Rudolph

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR Bone  
8/21/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

UNIT

WORKSHEET NO.

CABLE TRAY HANGERS

1

EE-114

LOCATION: COL./ELEV.

REFERENCE DRAWINGS

Col Line FF 2' N. OF 55 ELEV. 522 CN1890-01 R-7 CN1890-02 R-9 CN1903D1 R-9

DISCREPANCIES NOTED

HANGER 1HABA HAS LONGITUDINAL BRACES MOUNTED TO WALL WITH P-1026  
UNISTRUT CLIPS. CN1890-02 R-9 REFERENCES SEISMIC DETAIL HS-3.  
HS-3 REFERENCES HS-4 TO SHOW LONGITUDINAL BRACES. HS4 SHOWS  
USING P-1346 UNISTRUT CLIPS

NUCLEAR SAFETY RELATED

INSPECTOR

James L. RichiellDATE 7/28/78

REVIEWED BY

Michael BoneDATE 7/31/78

FIELD CORRECTIVE ACTION TAKEN

P1346

P1026 Clips removed & replaced with  
(92 and)

CORRECTED BY

R L Friday

DATE

8-7-78DISCREPANCIES CORRECTED ☒REINSPECTION DATE 8-18-78

INSPECTOR

James L. Richiell



DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. [Signature]  
3/16/79

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED:

UNIT

WORKSHEET NO.

NON-ESSENTIAL MOTOR CONTROL CENTER SMXA1EE-115

LOCATION: COL./ELEV.

REFERENCE DRAWINGS

COL LINE 57444 MM ELEV. 543CN 1214-1 R 7 1891-02 R.B

DISCREPANCIES NOTED

BASE FOR SMXA IS NOT WELDED IN ACCORDANCE WITH TYPE 9 - SECTION  
BB ON 1214-1-REVISION 7. BB SHOWS WELDS AS BEING 3" @ 9" ON  
CENTER. VN 1737 ALSO CALLS FOR WELDS TO BE 3" @ 9" ON CENTER  
WELDS ARE AT 12" CENTERS AND AT 9" CENTERS (4 ONLY AT CORNERS)  
BASE IS SUPPOSED TO BE SEISMICALLY MOUNTED

NOT SAFETY RELATED

INSPECTOR

[Signature]

DATE

9-6-76

REVIEWED BY

DATE

FIELD CORRECTIVE ACTION TAKEN

TRANSFERRED TO  
NCT # 3872

CORRECTED BY

DATE

9/14/79DISCREPANCIES CORRECTED ☐

REINSPECTION DATE

INSPECTOR

NA

Re-written M-40C

MR Bove 3/16/79

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

MR Bove

DATE

3/16/79

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED

Valve Operator INV-326

UNIT

1

WORKSHEET NO.

II-116

LOCATION: COL./ELEV.

R.B.-1 Pipe Chase @ 98°

REFERENCE DRAWINGS

CNM 1205.00-323

DISCREPANCIES NOTED

Valve operator is not supported. operator weight is  
1060 lbs. and is installed horizontally.

CLOSED 10-13-78

INSPECTOR E. A. Cole

DATE

9/11/78

REVIEWED BY

DATE

FIELD CORRECTIVE ACTION TAKEN

See NCI 4366

CORRECTED BY

MR Bove

DATE

3/16/79

DISCREPANCIES CORRECTED ☐

REINSPECTION DATE

INSPECTOR

NA

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL W.A. Bove  
DATE 4/25/79

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED <u>TRANSFORMER 2STXC</u>		UNIT <u>1</u>	WORKSHEET NO. <u>EE-117</u>
LOCATION: COL./ELEV. <u>ELEV. 594' 5A</u>		REFERENCE DRAWINGS <u>P3A E-49</u>	
DISCREPANCIES NOTED <u>TRANSFORMER 2STXC IS IN VIOLATION TO P3A E-49. HAS LOW GAS PRESSURE.</u> <u>REQUIREMENTS ARE 19.32 LB/SG. CALCULATED PRESSURE IS 18.18 AT PLUS OR MINUS</u> <u>1. TRANSFORMER IS 1.14 LOW</u>			
<b>NOT NUCLEAR SAFETY RELATED</b>			
INSPECTOR <u>James L. Rudisill</u> DATE <u>9-18-78</u> REVIEWED BY <u>AL Hemphill</u> DATE <u>9/18/78</u>			
FIELD CORRECTIVE ACTION TAKEN <u>P-3A INSPECTION REQUIREMENTS HAVE BEEN CHANGED THROUGH</u> <u>ATTACHED SHEET TO P-3B ON 4-6-79</u>			
CORRECTED BY <u>J. W. Bean</u> DATE <u>4-23-79</u>			
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>		REINSPECTION DATE <u>4-24-79</u> INSPECTOR <u>James L. Rudisill</u>	

**NOT NUCLEAR SAFETY RELATED** POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL \_\_\_\_\_

DATE \_\_\_\_\_

## RANDOM INSPECTION WORKSHEET

KWR

ITEM INSPECTED

EMBEDDED CONDUIT

UNIT

142

WORKSHEET NO.

EE-118

LOCATION: COL./ELEV.

WTR. CHEM. BLDG. EL. 54'-0" BELOW

REFERENCE DRAWINGS

CN-1943-01<sup>R</sup>, CN-1397-5

DISCREPANCIES NOTED

CONDUITS NOT INSTALLED IN CONCRETE AT LOCATION  
OF MCC - SHXY.

INSPECTOR

E.A. Cole

DATE

9-19-78

REVIEWED BY

Michael Bore

DATE

9/19/78

FIELD CORRECTIVE ACTION TAKEN

VN 3788 WRITTEN 30 NOV 78 TO SHOW CORRECT LOCATION  
OF CONDUIT ON CN-1943-01

CORRECTED BY

E.A. Cole

DATE

30 NOV 78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

DATE

12-5-78

INSPECTOR

W.G. Roberts



Re-written M-40C

MR Dore 3/16/77

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

See NCI 4366

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED	UNIT	WORKSHEET NO.
600 VAC Essential PMS 1E17XA	1	EE-120
LOCATION: COL./ELEV.	REFERENCE DRAWINGS	
Auxiliary building E1 522 Col 54 between EE & FF	CN 1214-1 Rev 8 Base Type 4	
DISCREPANCIES NOTED		
The welds on the base exceed what is called for on 1214-1 rev 8, 70% of the welds are 4" or longer while 15% are 5" or longer.		
This M-40C was never issued —		
INSPECTOR _____ DATE _____ REVIEWED BY _____ DATE _____		
FIELD CORRECTIVE ACTION TAKEN		
Per telcon with George Gorman of Design (Electrical) Excess welds are not detrimental to equipment painting. MR Dore 10/13/78		
CORRECTED BY _____ DATE _____		
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>	REINSPECTION DATE 10/13/78 INSPECTOR <u>MR Dore</u>	



Re-written M-40C  
JRB - 2/14/79

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL JRB  
DATE 2/14/79  
See NCJ 4366

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED	UNIT	WORKSHEET NO.
COO VAC Essential MCC 1EMXI	1	EE-121
LOCATION: COL./ELEV. Col 54 Between	REFERENCE DRAWINGS	Base
Auxiliary building EL 527 EEEFF	CN-1314-1 Rev 8	Type 4
DISCREPANCIES NOTED		
<p>The welds <b>NUCLEAR SAFETY</b> exceed what is called for on 1314-1 Rev 8. 10% of the welds are 4" or longer while 15% are 5" or longer <b>RELATED</b></p>		
This M-40C WAS NEVER ISSUED -		
INSPECTOR <u>Ray Henderson</u> DATE <u>2/28/79</u> REVIEWED BY _____ DATE _____		
FIELD CORRECTIVE ACTION TAKEN		
<p>Pec Telcon with George Garman of Design (Electrical) Excess welds are not detrimental to Equipment mounting JRB - 2/28/79</p>		
CORRECTED BY _____ DATE _____		
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>	REINSPECTION DATE <u>2/28/79</u> INSPECTOR <u>JRB</u>	

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATALUNYA

Q.A. APPROVAL

DATE

W.R. Bore  
10/30/78

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED		UNIT	WORKSHEET NO.
<u>TRANSFORMER 2TXB</u>		<u>2</u>	<u>EE-122</u>
LOCATION: COL./ELEV.		REFERENCE DRAWINGS	
<u>WAREHOUSE NUMBER 1</u>		<u>CN-132.0W-40</u>	
DISCREPANCIES NOTED			
<u>PRESSURE SWITCH ALARM LEADS HAVE BEEN PULLED LOOSE FROM THE</u>			
<u>GAS THERMOMETER GAGE ALARM CONTACTS</u>			
<u>NOT NOTICED BY LATED</u>			
INSPECTOR <u>Jessie L. Rudinick</u> DATE <u>9-28-78</u> REVIEWED BY <u>W.R. Bore</u> DATE <u>10/3/78</u>			
FIELD CORRECTIVE ACTION TAKEN			
<u>CONNECTED PRESSURE SWITCH &amp; RE-MOUNTED TERMINAL BOX.</u>			
CORRECTED BY <u>T.R. GON</u> DATE <u>10/16/78</u>			
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>		REINSPECTION DATE <u>10-18-78</u> INSPECTOR <u>Jessie L. Rudinick</u>	

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

W.B. Cox  
11/2/78

## RANDOM INSPECTION WORKSHEET

WBM

ITEM INSPECTED

Tubular steel cable tray support

UNIT

1

WORKSHEET NO.

EE-125

LOCATION: COL./ELEV.

RB.#1 Below 565' +3"

REFERENCE DRAWINGS

1915-03, 1915-04, 1907-01

DISCREPANCIES NOTED

The diagonal braces on HRI-114 at 171° and 174°  
are not connected to 4" x 4" tubular steel as is called  
for on 1915-04. 3" x 2" tubular steel is welded directly  
to 4" x 4" tubular steel. instead of welding to  
3/8" x 3" x 5/8" plate as is specified in Detail 16.

INSPECTOR

Ron McAffee

DATE

10/24/78

REVIEWED BY

Michael B. Bore

DATE

10/24/78

FIELD CORRECTIVE ACTION TAKEN

Braces were removed and put back using Detail "16"

CORRECTED BY

W.B. Cox

DATE

11-2-78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

11/2/78

INSPECTOR

Ron McAffee

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. Bax  
1/1/77

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED	UNIT	WORKSHEET NO.
LOADCENTERS, DISTRIBUTION CENTERS & MOTOR CONTROL CENTERS	1 & 2	EE-126
LOCATION: COL./ELEV.	REFERENCE DRAWINGS	
GENERAL PLANT AREA	CNS 1390.01-00-0046	
DISCREPANCIES NOTED		
IT HAS BEEN NOTED THAT MOTOR CONTROL CENTERS, LOADCENTERS & SWITCHGEAR DOES NOT MEET THE REQUIREMENTS SET FORTH IN CNS 1390.01-00-0046, SECTION 4.2, REQUIRING LIGHT BULB OPERATION IN EACH VERTICAL CUBICAL, AND OR INTERNAL SPACE HEATER OPERATION. THESE DISCREPANCIES WERE NOTED AT P3, STUNAME INSPECTION OF THE EQUIPMENT THE PROCEDURE IS FOR NELSON ELECTRIC EQUIPMENT ONLY		
INSPECTOR <u>James B. Rudin</u> DATE <u>10-31-76</u> REVIEWED BY <u>MR. Bax</u> DATE <u>1/1/77</u>		
FIELD CORRECTIVE ACTION TAKEN		
<u>NA. 3507</u> was written on <u>11/3/78</u> to waive the requirement for heat in each vertical section. Heater operation is now required in every other vertical section. CORRECTED BY <u>MR. Bax</u> DATE <u>1/1/77</u>		
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>	REINSPECTION DATE <u>1-11-77</u> INSPECTOR <u>James B. Rudin</u>	



	Load center	Problem - MAKE	Location	Vert. Section
4 (Rev)	MCC			
(4)	IELXB	A-99530 (Gould)	AB. 560	
(2)	IELXD	A-99530 (Gould)	AB. 560	
(0)	1ETB	A-99550 (Gould)	AB. 560	
(1)	IELXA	A-99530 (Gould)	AB 577	1
(1)	IELXC	A-99530 (Gould)	AB-577	
(0) *	2EMXP	C-47881	NSW Pump	2 Vertical
(0) *	1EMXO	C-47881	NSW Pump	2 Vertical
(0) *	1EMXB	C-47881	AB 560	15 Vertical
(0) *	1EMXR	C-47881	NSW Pump	2 Vertical
(0) *	1EMXJ	C-47881	AB. 560	16 Vertical
(0)	1ETA	<del>A-99550 (Gould)</del>	<del>AB. 577</del>	
(0)	*1EMXQ	C-47881	NSW Pump	2 Vertical
(0)	IEDS	C-47881	AB 554	P-3A OK
(0)	1EPA	C-47881	AB 554	P-3A OK
(0)	1EPB	C-47881	AB. 554	P-3A OK
(0)	1EPC	C-47881	AB 554	P-3A OK
(0)	1EPD	C-47881	AB 554	P-3A OK
(0)	1ERPA	C-47881	AB 554	P-3A OK
(0)	1ERPB	C-47881	AB 554	P-3A OK
(0)	1ERPC	C-47881	AB-554	P-3A OK
(0)	1ERPD	C-47881	AB 554	P-3A OK
(0)	1EMS	C-47882	AB 554	P-3A OK
(0)	1VRD	C-47881	AB-554	P-3A OK
(0)	1EDA	C-47881	AB 554	P-3A OK
(0)	1EDB	C-47881	AB 554	P-3A OK



3A	MCC	MAKE	Location	Section
E-184	IEDD	C-47881	AB 554	P-3A OK
E-189	IEIC	E-2148 (solid state)	AB 554	
E-195	IECA	E-2119 (solid state)	AB 554	
E-196	IECB	E-2119 (solid state)	AB 554	
E-197	IECC	E-2119 (solid state)	AB 554	
E-198	IECD	E-2119 (solid state)	AB 554	
E-199	IECS	E-2119 (solid state)	AB 554	
E-200	IEIB	E-2148 (solid state)	AB 554	
E-201	IEIA	E-2148 (solid state)	AB 554	
E-202	IEID	E-2148 (solid state)	AB 554	

The Above list shows All safety related P-3A's which have been issued up to 11/1/78. The specification & M-40C in question applies only to Nelson Electric or Sola-Basic MCC's. Of the P-3A's in question (the ones on the first page which are astericked) only two E-163 & E-165 can have an error with the new revision to CNS 1390.01-00-0046. On 1/10/79 these panels were checked and heater operation was confirmed in every other vertical section.

Michael R. Bore  
1/10/79

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

MR. Bore  
1/30/79

## RANDOM INSPECTION WORKSHEET

JWB

ITEM INSPECTED		UNIT	WORKSHEET NO.
TRANSFORMERS 3 TXC & 1 TXI		142	EE. 127
LOCATION: COL./ELEV.		REFERENCE DRAWINGS	
STORAGE YARD T-30 SB ELEV. 594		P3A E-50 & E-65	
DISCREPANCIES NOTED			
THESE TWO TRANSFORMERS HAVE LOW GAS PRESSURE AS REQUIRED BY P3A			
P3A E-50: TRANSFORMER 2 TXC HAS A GAS PRESSURE OF .50. CALCULATED AT 15.51 PSIA.			
P3A E-65: TRANSFORMER 1 TXI HAS A GAS PRESSURE OF 2.75. CALCULATED AT 17.71 PSIA.			
THESE TRANSFORMERS ARE OUT OF (+ OR -) FIVE OR MINUS 1 LB. TOLERANCE			
NOT NUCLEAR SAFETY RELATED			
INSPECTOR <u>James L. Rudinell</u>		DATE <u>11-15-78</u>	REVIEWED BY <u>MR. Bore</u>
FIELD CORRECTIVE ACTION TAKEN		DATE <u>11/20/78</u>	
DUPONT #115 FROD GAS WAS ADDED TO 1 TXI. BUSHING			
REPLACED ON 2 TXC AND REFILLED WITH GAS.			
CORRECTED BY <u>J. M. Bore</u>		DATE <u>1-30-79</u>	
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>	REINSPECTION DATE <u>1-30-79</u> INSPECTOR <u>James L. Rudinell</u>		

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

WBR  
4/8/79

## RANDOM INSPECTION WORKSHEET

WBN

ITEM INSPECTED

Cable tray hangers

UNIT

1

WORKSHEET NO.

EE-129

LOCATION: COL./ELEV.

Below EL. 577'±0" Aux. Bldg.

REFERENCE DRAWINGS

1892-01, M-41B Ser.# 3

DISCREPANCIES NOTED

Col. KK-57, P1001 unisistent member attached to grid system has been drilled and clamped with cable hanger been bolted to it. The same problem has been observed on hanger 74c, Col. NN-53. This violates M41B ser.# 3 on cable tray, which states that no device shall be attached to cable tray or cable tray hangers which are not specified on design drawings.

INSPECTOR

Dennis LeeDATE 12-1-78

REVIEWED BY

Michael R. PoreDATE 12/14/78

FIELD CORRECTIVE ACTION TAKEN

This practice is allowable per Note 4 CN1819-11 Rev 2

CORRECTED BY

WBN

DATE

12/13/78DISCREPANCIES CORRECTED ☒

REINSPECTION DATE

1-8-79

INSPECTOR

R.D. Greig

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

M. Brown  
4/25/79

## RANDOM INSPECTION WORKSHEET

JWB

ITEM INSPECTED

600 Volt Non-Essential Transformer 1TXD

UNIT

1

WORKSHEET NO.

EE-130

LOCATION: COL./ELEV.

594+0" S/B

REFERENCE DRAWINGS

P-3A E-50

DISCREPANCIES NOTED

Transformer 1TXD Has Low Gas Pressure In Violation of E-50.  
The Requirements Are 19.27 PSIA  $\pm$  1.0 PSIA of Indicated Value.  
The Calculated Pressure is 18.02 PSIA, 1.25 PSIA To Low

NOT NUCLEAR SAFETY RELATED

INSPECTOR

K. ByrnsDATE 12-18-78 REVIEWED BYN/AM. Brown

DATE

12/17/78

FIELD CORRECTIVE ACTION TAKEN

P-3A

INSPECTION

REQUIREMENTS HAVE BEEN CHANGED THROUGH

ATTACHED SHEET TO P-3B ON 4-6-79

CORRECTED BY

J. W. Brown

DATE

4-23-79DISCREPANCIES CORRECTED ☒REINSPECTION DATE 4-24-79

INSPECTOR

Donald L. Russell



DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

22.5.79  
4/25/79

## RANDOM INSPECTION WORKSHEET

JWB

ITEM INSPECTED

600 Volt Non-Essential Transformer 1TAC

UNIT

1

WORKSHEET NO.

EE-131

LOCATION: COL./ELEV.

594'+0" S/B

REFERENCE DRAWINGS

P-3A E-50

DISCREPANCIES NOTED

Transformer 1TAC Has low Gas Pressure In Violation of  
P-3A E-50. The Requirements Are 19.32 LBS.  $\pm 1.0$  PSIA of Indicated  
Value. The Calculated Pressure is 18.29 PSIA, 1.03 PSIA To Low

**NOT** NUCLEAR SAFETY RELATED

INSPECTOR

JC ByersDATE 12-18-78

REVIEWED BY

N/A MKB

DATE

12/17/78

FIELD CORRECTIVE ACTION TAKEN

P-3A INSPECTION REQUIREMENTS HAVE BEEN CHANGED THROUGH  
ATTACHED SHEET TO P-3B ON 4-6-79

CORRECTED BY

J. M. Byers

DATE

1-23-79DISCREPANCIES CORRECTED ☒REINSPECTION DATE 4-24-79

INSPECTOR

James L. Rindall



DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

DATE

MR Bove  
1/8/79

NUCLEAR SAFETY RELATED

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED

UNIT

WORKSHEET NO.

Restriction Code 1 Cable in tray1EE-133LOCATION: COL./ELEV. CLAA 46+47

REFERENCE DRAWINGS

577 Penetration Auxiliary Bldg CN 1877-01 CN 1897-01

DISCREPANCIES NOTED

The termination end of this cable needs to be retaped. The conductors are exposed to possible water damage in violation of Quality Assurance Procedure M-41B serial 9 instruction 5. This cable end can be identified by termination card 1 WEPE SDI to equipment PETA 5.

INSPECTOR

DA HoffmanDATE 12/10/78

REVIEWED BY

Michael BoveDATE 12/30/78

FIELD CORRECTIVE ACTION TAKEN

Corrected

CORRECTED BY

Al Stahel #85DATE 12-22-78DISCREPANCIES CORRECTED ☒REINSPECTION DATE 1/25/79

INSPECTOR

RD Bove

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

M.R. Bone

NUCLEAR SAFETY RELATED

## RANDOM INSPECTION WORKSHEET

F

ITEM INSPECTED	UNIT	WORKSHEET NO.
Restriction Code 2 Cables in tray	1	EE-133
LOCATION: COL./ELEV. <u>CL 88+49-50</u>	REFERENCE DRAWINGS	
<u>577 Penetration Auxiliary Bldg</u>	<u>CN 1877-01 CN 1897-01</u>	
DISCREPANCIES NOTED		
<u>9 separate cable ends for later</u> <u>termination to equipment were left lying on the</u> <u>floor in violation of Quality Assurance Procedure</u> <u>M-41B serial 9 instruction 5.</u>		
INSPECTOR <u>WM Haffner</u> DATE <u>12/20/78</u> REVIEWED BY <u>Michael R Bone</u> DATE <u>12/20/78</u>		
FIELD CORRECTIVE ACTION TAKEN		
<u>Corrected</u>		
CORRECTED BY <u>BL. Stetson #85</u> DATE <u>12-22-78</u>		
DISCREPANCIES CORRECTED <input checked="" type="checkbox"/>	REINSPECTION DATE <u>12/29/78</u> INSPECTOR <u>RD Lacey</u>	

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL \_\_\_\_\_

DATE \_\_\_\_\_

NUCLEAR SAFETY RELATED

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED

SPARE Safety Related Cables

UNIT

1

WORKSHEET NO.

EE-134

LOCATION: COL./ELEV.

Service Building C/T+28

REFERENCE DRAWINGS

NONE

DISCREPANCIES NOTED

Several safety related cables mixed with non-safety related cables are piled in a heap and lying in a small pool of water which violates Quality Assurance Procedure M-41 B Serial 9 instructions. These cables are short pieces, already cut off reels, identified, and to be used at a later date.

INSPECTOR

W. M. Neff

DATE

12/21/78

REVIEWED BY

Nickel Cove

DATE

12/31/78

FIELD CORRECTIVE ACTION TAKEN

See NCI 4553

CORRECTED BY \_\_\_\_\_

DATE \_\_\_\_\_

DISCREPANCIES CORRECTED ☐

REINSPECTION DATE \_\_\_\_\_

INSPECTOR \_\_\_\_\_

# ELECTRICAL

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

FORM M-40C

REVISION 2

Q.A. APPROVAL

W.R. Bove

DATE 5/2/79

\* Problem taken  
care of on NCI

## RANDOM INSPECTION WORKSHEET

WBM

ITEM INSPECTED

TUBULAR STEEL CABIN TRAY HANGER

UNIT

2

WORKSHEET NO.

EE-135

LOCATION: COL./ELEV.

EE-58/577

REFERENCE DRAWINGS

CN-2893-01

DISCREPANCIES NOTED

HANGER 62A WAS FOUND TO BE PAINTED  
BEFORE VERIFICATION OF WELDING INSPECTION. THIS VIOLATES  
M41B SERIAL NO. 2 AND CP 301.

**NUCLEAR SAFETY**

**RELEASABLE**

INSPECTOR

R.D. Gray

DATE 1-26-79

REVIEWED BY

Michael Bove

DATE

1/26/79

FIELD CORRECTIVE ACTION TAKEN

This hanger was covered by NCI work  
Hanger was torn down and re-built

VOIDED BY NCI-5036 RDC

CORRECTED BY

U. Nelson

DATE

4 May 79

DISCREPANCIES CORRECTED ☐

REINSPECTION DATE

5-7-79

INSPECTOR

R.D. Gray



FORM M-40C		REVISION 2	
<b>NUCLEAR SAFETY. RELATED</b>		DUKE POWER COMPANY CONSTRUCTION DEPARTMENT PROJECT CAIAWBA	
RANDOM INSPECTION WORKSHEET		Q.A. APPROVAL <u>NA</u> DATE <u>3/5/79</u>	
ITEM INSPECTED	UNIT	WORKSHEET NO.	
<u>HR1-234</u>	<u>1</u>	<u>EE-136</u>	
LOCATION: COL./ELEV. <u>148° 15' EL. <del>572</del> 572+0"</u>	REFERENCE DRAWINGS <u>CN-1918-01, 1915-01, 1915-03, 1915-05</u>		
DISCREPANCIES NOTED			
<u>Detail H 1915-05 Calls for Connection details No. 1, 7, 8, 13, or 21</u>			
<u>to be used where applicable. Detail No. 23 was used.</u>			
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INSPECTOR <u>J.C. Ryland</u>		DATE <u>3-1-79</u>	
REVIEWED BY <u>W.R. Bar</u>		DATE <u>3/4/79</u>	
FIELD CORRECTIVE ACTION TAKEN <u>Final NCI Report 5032</u>			
CORRECTED BY <u>W.R. Bar</u>		DATE <u>3/4/79</u>	
DISCREPANCIES CORRECTED <input type="checkbox"/>		REINSPECTION DATE	
		INSPECTOR <u>NA</u>	



NUCLEAR SAFETY  
RELATEDDUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT CATAWBA

Q.A. APPROVAL

DATE

M. A. Bone  
3/5/79

## RANDOM INSPECTION WORKSHEET

ITEM INSPECTED

1 2HA-47B, 3 2HA-48B Hangers

UNIT

2

WORKSHEET NO.

EE-137

LOCATION: COL./ELEV.

6365/LL-JJ

REFERENCE DRAWINGS

2891-02, 2891-05, 1903-01

DISCREPANCIES NOTED

HS-11 1903-01 does not call for a transverse brace, but one has  
been installed in lieu of HS-11 on each of these Hangers.

INSPECTOR

JC ByersDATE 3-1-79

REVIEWED BY

M. A. Bone

DATE

3/1/79

FIELD CORRECTIVE ACTION TAKEN

Transverse Braces RemovedM. A. Bone3/2/79

CORRECTED BY

M. A. Bone

DATE

3/1/79DISCREPANCIES CORRECTED ☒REINSPECTION DATE 3-2-79

INSPECTOR

M. A. Bone  
JC Byers

Q.A. APPROVAL - NA  
DATE - 3/5/79

INSPECTOR NA

## ELECTRICAL

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT  
PROJECT Catawba

Q.A. APPROVAL

MR. Gore

DATE

3/8/79

NUCLEAR SAFETY

## RANDOM INSPECTION WORKSHEET \ RELATED

ITEM INSPECTED

Hanger # HPI 217

UNIT

1

WORKSHEET NO.

EE-139LOCATION - COL / ELEV North CC + 50577' to Penetration

REFERENCE DRAWINGS

CN 1897-01 Rev. 8 CN 1897-03 Rev. 3

DISCREPANCIES NOTED

One 1/2" anchor bolt # 1222 does not meet the  
minimum edge to end distance violating CP 115 Attach-  
ment # 3 Rev. 4. This particular bolt is in the  
transverse brace facing west.

INSPECTOR

Wm. Heffner

DATE

3/8/79

REVIEWED BY

MR. Gore

DATE

3/8/79

FIELD CORRECTIVE ACTION TAKEN

Initiate NCI Report # 5066

(NCI was voided on 3/8/79 since the anchor was moved before  
the tag was applied)

CORRECTED BY

MR. Gore

DATE

3/8/79

DISCREPANCIES CORRECTED

☒

REINSPECTION DATE

INSPECTOR

NA