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FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261
AUTH. NAME AUTHOR AFFILIATION
WATERS, D.B. Carolina Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Forwards documentation re taylor forge pipe elbows as required during 930930 conference call. Licensee understands that requested documents, purchase order & matl receipt insp package used in support of insp matl supplier.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 30
TITLE: OR Submittal: General Distribution

NOTES:

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
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NRR/DRCH/HICB	1 1	NRR/DSSA/SPLB	1 1
NRR/DSSA/SRXB	1 1	NUDOCS-ABSTRACT	1 1
OC/LEDGB	1 0	OGC/HDS2	1 0
REG FILE 01	1 1		
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PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

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Carolina Power & Light Company

ROBINSON NUCLEAR PLANT
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29551

SEP 14 1993

Robinson File No: 13510

Serial: RNP/93-2502

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
DOCUMENTATION CONCERNING TAYLOR FORGE MATERIALS

Gentlemen:

The purpose of this letter is to transmit certain enclosed documentation concerning Taylor Forge pipe elbows as requested during a conference call between Carolina Power & Light Company (CP&L) and the NRC on September 30, 1993. CP&L understands that the requested documents, a purchase order and a material's receipt inspection package, are to be used in support of an inspection of the material supplier.

Questions regarding this matter may be referred to Mr. Jan Kozyra at (803) 383-1872.

Very truly yours,

David B. Waters
Manager

Regulatory Affairs Section

JSK:lst

Enclosures: 1. Purchase Order
2. Receipt Inspection

c: Mr. S. D. Ebnetter
Mr. B. L. Mozafari
Mr. W. T. Orders

210025

9310210316 931014
PDR ADOCK 05000261
PDR

A001
111

Letter to U. S. Nuclear Regulatory Commission
Serial: RNP/93-2502

bcc: * T. A. Baxter, Esq.
Mr. R. S. Beverage
Mr. R. K. Buckles (LIS)
Mr. W. R. Campbell
Mr. J. M. Curley
Mr. C. R. Dietz
Mr. D. T. Gudger
Mr. H. W. Habermeyer, Jr.
Mr. E. M. Harris
Mr. J. L. Harrison
Mr. J. D. Heidt
Mr. J. S. Kozyra
Mr. R. E. Morgan, Jr.
Mr. C. S. Olexik, Jr.
Mr. W. S. Orser
Mr. M. P. Pearson
Mr. H. A. Pollock
Mr. R. S. Stancil
Mr. R. B. Van Metre
Siemens Pwr. Corp. c/o T. Dresser
File: RC/A-2 (with encl.)

* without enclosure

ENCLOSURE 1

PURCHASE ORDER

CP&LFIELD COPY-OA
PURCHASE ORDER

PAGE : 1

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474

MWH

PURCHASE ORDER NO.	LOC	DATE
7C5685DK	02	10/04/92
AGREEMENT NO.		CHANGE NO.

HBR 921210037
TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5957-T
2450 WHEATSHEAF LANE
PHILADELPHIA PA 19137

SHIP TO:

CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T. MCCOY
SC HWY 151, SC HWY 23
HARTSVILLE, SC 29550MAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

- THIS ORDER IS SUBJECT ONLY TO THE TERMS AND CONDITIONS APPEARING ON THE REVERSE OF THIS ORDER.
- FAX NUMBER 919-546-6750
- SHOW OUR ORDER NUMBER AND PART NUMBER ON INVOICES, PACKING SLIPS, PACKAGES, AND CORRESPONDENCE REFERRING THIS MATERIAL.
- ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY.
- THE ATTACHED SPECIFICATION IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER.

IMPORTANT

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MOC	VENDOR INST.	SPECIFICATION AND DATE
GTH	Y		AE			Q	CN	
DOCUMENTATION CODE(S)								INVOICE PAYMENT TERMS
D6, D26								00.00% 00 DAYS 30 NET DAYS
SHIP VIA-FREIGHT TERMS								CONFIRMED WITH
UPS								
ITEM	PART NO.	QUANTITY	U/M	REQR'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER	

THE INDICATED INSTRUCTIONS AND/OR REQUIREMENTS ARE
IMPOSED ON THIS MATERIAL:

- *****
- * THERE SHALL BE NO CHANGES IN PART NUMBERS OR *
- * ITEM DESCRIPTIONS UNLESS APPROVED BY CP&L. *
- * SHOULD CHANGES BE REQUIRED, VENDOR SHALL PRO- *
- * VIDE A REQUEST FOR CHANGE ON HIS LETTERHEAD *
- * ADDRESSING THE INTERCHANGEABILITY OF THE *
- * PARTS AND/OR PART NUMBERS AND A STATEMENT *
- * THAT THE NEW PART/PART NUMBER SERVES THE *
- * SAME FIT, FORM, AND FUNCTION AS THE OLD *
- * PART/PART NUMBER. PAYMENT WILL NOT BE MADE *
- * FOR MATERIAL THAT DOES NOT COMPLY WITH THE *
- * REQUIREMENTS OF THE PURCHASE ORDER, AND SUCH *
- * MATERIAL MAY BE RETURNED AT HIS EXPENSE. *
- *****

ALL MATERIAL SHALL BE, AS A MINIMUM, SECURELY
TAGGED, STENCILED, OR MARKED AS APPROPRIATE TO
PROVIDE TRACEABILITY TO CP&L'S PROCUREMENT DOCU-
MENT AND VENDOR SUPPLIED DOCUMENTATION, BY THE
FOLLOWING:

1. VENDOR PART NUMBER
2. CP&L PURCHASE ORDER NUMBER

THE ABOVE IS IN ADDITION TO ANY SPECIFIC MARKING
REQUIRED BY SPECIFICATION.FOR SMALL PARTS NOT SUITABLE FOR INDIVIDUAL TAG-
GING OR MARKING, THE CONTAINER SHALL BE SECURELY
TAGGED OR MARKED WITH ALL REQUIRED IDENTIFICATION.

CONTINUE

REFER ALL CORRESPONDENCE TO:
JACKIE L. BRIDGESTELEPHONE NO.
919/546-7523

AUTHORIZED BUYER

FORM NO. 1A REV. 11/92

FIELD COPY-QA
PURCHASE ORDER**CP&L**CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

PURCHASE ORDER NO.	LOC.	DATE
7C5685DK		10/04/92
AGREEMENT NO.	CHANGE NO.	

SHIP TO:

CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOY

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CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602**IMPORTANT**

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MQC	VENDOR INST.	SPECIFICATION AND DATE
							CN	
DOCUMENTATION CODE(S)							INVOICE PAYMENT TERMS	
D6, D26							CONFIRMED WITH	
SHIP VIA-FREIGHT TERMS							F.O.B.	
ITEM	PART NO.	QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER	

VENDOR AUTHORIZES CP&L TO RETURN FREIGHT COLLECT ANY MATERIAL THAT IS NOT CORRECTLY MARKED. VENDOR FURTHER AGREES TO PROMPTLY CORRECT THE MARKING DISCREPANCY AND RETURN THE MATERIAL FREIGHT PREPAID TO CP&L.

DOCUMENTATION AS INDICATED BELOW MUST BE SUPPLIED WITH THIS MATERIAL. THIS DOCUMENTATION WILL BE TREATED THE SAME AS THE MATERIAL FOR PAYMENT PURPOSE AND SHALL BE LEGIBLE AND SUITABLE FOR MICROFILMING.

01 728-556-79

7 EA 11/09/92 11/04/92

25.550 E

ELBOW, SEC-WLD, 1", 304SS, 900, 3000
ASTM/ASME A/SA-182, GR-304, ASME SECTION III, SUB-SECTION NC, ANY ASTM EDITION OR ASME EDITION AND ADDENDA FROM 1974 THRU 1989. MATERIAL SHALL BE MARKED WITH A HEAT/LOT NUMBER TO PROVIDE TRACEABILITY TO THE CMTR. THIS ITEM SHALL BE HANDLED, SHIPPED AND STORED AS REQUIRED BY ANSI N45.2.2, LEVEL C.

***** MANUFACTURER'S PART #'S *****

66666 - UNKNOWN SU -
45599 - HUB INC. - NA

VENDOR INSTRUCTIONS

C - THIS ITEM SHALL BE STORED, PACKAGED, AND

CONTINUE

CP&L REQ: 01-7C5685

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

FORM NO. 1A REV. 1/92



FIELD COPY-QA
PURCHASE ORDER

PURCHASE ORDER NO.	LOC.	DATE
7C56850K		10/04/92
AGREEMENT NO.	CHANGE NO.	

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474

TIUGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

SHIP TO:
CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOY

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C/O P.O. INVOICE ACCOUNTING
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RALEIGH, N.C. 27602

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DOCUMENTATION CODE(S)							INVOICE PAYMENT TERMS	
D6, D26							CONFIRMED WITH	
SHIP VIA-FREIGHT TERMS							F.O.B.	

ITEM	PART NO.	QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER
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SHIPPED IN ACCORDANCE WITH ANSI N45.2.2, 1972 EDITION (OR LATER EDITION IMPLEMENTED IN ACCORDANCE WITH AN ENDORSING NRC REGULATORY GUIDE) OR APPROVED EQUIVALENT. THE VENDOR SHALL IDENTIFY ANY SPECIAL STORAGE REQUIREMENTS IMPOSED.

N - THIS ITEM IS IMPORTANT TO NUCLEAR SAFETY. THE VENDOR SHALL IMPLEMENT A DOCUMENTED QUALITY ASSURANCE PROGRAM WHICH CONFORMS TO THE APPLICABLE REQUIREMENTS OF NCA 3800 OF ASME SECTION III (EDITION AS SPECIFIED IN EXTENDED DESCRIPTION).

SUPPLIER SHALL EXTEND APPLICABLE QA REQUIREMENTS TO LOWER-TIER SUPPLIERS.

SURVEILLANCE WILL NOT NORMALLY BE CONDUCTED ON REPLACEMENT ITEMS, BUT CP&L SHALL HAVE THE RIGHT OF ACCESS TO SUPPLIER FACILITIES AND QA RECORDS FOR SOURCE INSPECTIONS AND QA AUDIT.

THIS ITEM IS SUBJECT TO THE PROVISIONS OF 10CFR21. CP&L NUCLEAR LICENSING AND THE APPROPRIATE NUCLEAR PROJECT LOCATION SHALL BE CONCURRENTLY NOTIFIED OF ANY REPORTS MADE TO THE NRC PURSUANT TO 10CFR21. SUBMIT NOTIFICATION TO:

CAROLINA POWER & LIGHT COM.
MANAGER - NUCLEAR LICENSING
BOX 1551
RALEIGH, NORTH CAROLINA 27602

3

CONTINUE

REFER ALL CORRESPONDENCE TO:	TELEPHONE NO.	AUTHORIZED BUYER
JACKIE L. BRIDGES	919/546-7523	
FORM NO 1A REV 1-92		

FIELD COPY-OA
PURCHASE ORDER

PAGE : 4

CP&L

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474

TIGGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

PURCHASE ORDER NO.	LOC	DATE
7C5685DK		10/04/92
AGREEMENT NO.	CHANGE NO.	

SHIP TO:
CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOY

MAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

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SHIP VIA-FREIGHT TERMS			F.O.B.					
ITEM	PART NO.	QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER	

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
BRUNSWICK NUCLEAR PROJECT
NC HWY. 87, 2 1/2 MI. NORTH
BOX 10429
SOUTHPORT, NC 28461

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
HARRIS NUCLEAR PROJECT
STATE ROAD 1134, BOX 165
NEW HILL, NC 27562

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
ROBINSON NUCLEAR PROJECT
SC HWY. 151 & 23, BOX 790
HARTSVILLE, SC 29550

NONCONFORMANCE TO PURCHASE ORDER REQUIREMENTS OR
CP&L APPROVED DOCUMENTS WHICH CONSIST OF ONE
OR MORE OF THE FOLLOWING SHALL BE SUBMITTED TO
CP&L FOR APPROVAL OF THE RECOMMENDED
DISPOSITION:

1. TECHNICAL OR MATERIAL REQUIREMENT IS VIOLATED.
2. SUPPLIER DOCUMENTS APPROVED BY CP&L ARE VIOLATED.
3. NONCONFORMANCE CANNOT BE CORRECTED BY

CONTINUE

REFER ALL CORRESPONDENCE TO:
JACKIE L. BRIDGES

TELEPHONE NO.
919/546-7523

AUTHORIZED BUYER

FORM NO. 1A REV. 1-92

FIELD COPY-QA
PURCHASE ORDER**CP&L**CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

PURCHASE ORDER NO.	LOC	DATE
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CONTINUANCE OF THE ORIGINAL MANUFACTURING
PROCESS OR BY REWORK.

4. THIS ITEM DOES NOT CONFORM TO THE ORIGINAL REQUIREMENTS EVEN THOUGH THE ITEM CAN BE RESTORED TO A CONDITION SUCH THAT THE CAPABILITY OF THE ITEM TO FUNCTION IS UNIMPAIRED.

THESE SUBMITTALS SHALL INCLUDE SUPPLIER'S RECOMMENDED DISPOSITION (FOR EXAMPLE, "USE-AS-IS" OR "REPAIR") AND TECHNICAL JUSTIFICATION. FORWARD SUBMITTALS TO THE APPROPRIATE NUCLEAR PROJECT LOCATION (ADDRESS LISTED ABOVE).

DOCUMENTATION REQUIREMENTS

THE FOLLOWING DATA PACKAGES SHALL BE SUBMITTED FOR APPROVAL AT TIME OF SHIPMENT:

- D6 - CERTIFIED MATERIAL TEST REPORTS
D26 - CERTIFICATION OF CONFORMANCE TO THIS PURCHASE ORDER

			ITEM TOTAL	178.85
02 733-711-55	10	EA	11/02/92 11/04/92	219.000 E.
WELD JET, BUTT, 1"X1/2, SS, SCH-40				

CONTINUE

CP&L REQ: 02-7C6380

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

FORM NO. 1A REV. 1/92

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

CP&LFIELD COPY-QA
PURCHASE ORDER

PAGE : 6

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1351 RALEIGH, N.C. 27602
78474TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5957-T

PUR	ORDER NO.	LOC	DATE
	7C5685DK		10/04/92
AGREEMENT NO.		CHANGE NO.	

SHIP TO:
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ROBINSON PLANT-G.T.MCCOY

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MAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

URGENT

DESTROYED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MOC	VENDOR INST.	SPECIFICATION AND DATE
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PVIA-FREIGHT TERMS							F.O.B.	
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ASTM/ASME A/SA-182 GR. F316; ASME SECTION III, SUB
SECTION NC. ANY ASTM EDITION OR ASME EDITION AND
ADDENDA FROM 1974 THROUGH 1990. THE MATERIAL SHALL
BE ACCOMPANIED BY A CERTIFIED MATERIAL TEST REPORT
(CMTR) AND EACH ITEM SHALL BE MARKED IDENTIFYING A
HEAT/LGT NUMBER TO PROVIDE TRACEABILITY TO THE
CMTR. THIS ITEM SHALL BE HANDLED, SHIPPED AND
STORED AS REQUIRED BY ANSI N45.2.2 LEVEL "C".

***** MANUFACTURER'S PART #'S *****

1-45599 - HUE INC. - NA

VENDOR TO PROVIDE API PIPET TO A BONNEY FORGE DESIGN

VENDOR INSTRUCTIONS

C - THIS ITEM SHALL BE STORED, PACKAGED, AND
SHIPPED IN ACCORDANCE WITH ANSI N45.2.2, 1972
EDITION (OR LATER EDITION IMPLEMENTED IN
ACCORDANCE WITH AN ENDORSING NRC REGULATORY
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VENDOR SHALL IMPLEMENT A DOCUMENTED
QUALITY ASSURANCE PROGRAM WHICH CONFORMS TO
THE APPLICABLE REQUIREMENTS OF NCA 3800 OF
ASME SECTION III (EDITION AS SPECIFIED).

CONTINUE

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

TELEPHONE NO.

919/546-7523

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FORM NO. 1A REV. 1/92



FIELD COPY-QA
PURCHASE ORDER

PAGE : 7

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474

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TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

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CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOY

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RALEIGH, N.C. 27602

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CAROLINA POWER & LIGHT COM.
MANAGER - NUCLEAR LICENSING
BOX 1551
RALEIGH, NORTH CAROLINA 27602

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
BRUNSWICK NUCLEAR PROJECT
NC HWY. 87, 2 1/2 MI. NORTH
BOX 10429
SOUTHPORT, NC 28461

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
HARRIS NUCLEAR PROJECT
STATE ROAD 1134, BOX 165

CONTINUE

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

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FORM NO. 1A REV 1/92

CP&L

PAGE : 8

FIELD COPY-QA
PURCHASE ORDERCAROLINA POWER & LIGHT COMPANY
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DOCUMENTATION CODE(S)							INVOICE PAYMENT TERMS	
D6 D26								
SHIP VIA-FREIGHT TERMS							F.O.B.	
							CONFIRMED WITH	

ITEM	PART NO.	QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER
------	----------	----------	-----	------------	------------------	------------	-----

NEW HILL, NC 27562

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
ROBINSON NUCLEAR PROJECT
SC HWY. 151 & 23, BOX 790
HARTSVILLE, SC 29550NONCONFORMANCE TO PURCHASE ORDER REQUIREMENTS OR
CP&L APPROVED DOCUMENTS WHICH CONSIST OF ONE
OR MORE OF THE FOLLOWING SHALL BE SUBMITTED TO
CP&L FOR APPROVAL OF THE RECOMMENDED
DISPOSITION:

1. TECHNICAL OR MATERIAL REQUIREMENT IS VIOLATED.
2. SUPPLIER DOCUMENTS APPROVED BY CP&L ARE VIOLATED.
3. NONCONFORMANCE CANNOT BE CORRECTED BY CONTINUANCE OF THE ORIGINAL MANUFACTURING PROCESS OR BY REWORK.
4. THIS ITEM DOES NOT CONFORM TO THE ORIGINAL REQUIREMENTS EVEN THOUGH THE ITEM CAN BE RESTORED TO A CONDITION SUCH THAT THE CAPABILITY OF THE ITEM TO FUNCTION IS UNIMPAIRED.

THESE SUBMITTALS SHALL INCLUDE SUPPLIER'S
RECOMMENDED DISPOSITION (FOR FY: MPE.
"USE-AS-IS" OR "REPAIR") AND TECHNICAL

CONTINUE

REFER ALL CORRESPONDENCE TO:
JACKIE L. BRIDGESTELEPHONE NO.
919/546-7523

AUTHORIZED BUYER

FORM NO. 1A REV 1/92

FIELD COPY-QA
PURCHASE ORDER

CP&L

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551
RALEIGH, N.C. 27602
78474

TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

PURCHASE ORDER NO.	LOC.	DATE
7C5685DK		10/04/92
AGREEMENT NO.	CHANGE NO.	

SHIP TO:
CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOY

MAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

- THIS ORDER IS SUBJECT ONLY TO THE TERMS AND CONDITIONS APPEARING ON THE REVERSE OF THIS ORDER.
- FAX NUMBER: 919/546-6750
- SHOW OUR ORDER NUMBER AND PART NUMBER ON INVOICES, PACKING SLIPS, PACKAGES, AND CORRESPONDENCE REFERENCING THIS MATERIAL.
- ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY.
- THE ATTACHED SPECIFICATION IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER.

IMPORTANT

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MQC	VENDOR INST.	SPECIFICATION AND DATE
							CA	
DOCUMENTATION CODE(S)								INVOICE PAYMENT TERMS
D6, D26								CONFIRMED WITH
SHIP VIA-FREIGHT TERMS								
F.O.B.				QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE
								PER

JUSTIFICATION. FORWARD SUBMITTALS TO THE
APPROPRIATE NUCLEAR PROJECT LOCATION (ADDRESS
LISTED ABOVE).

DOCUMENTATION REQUIREMENTS

THE FOLLOWING DATA PACKAGES SHALL BE SUBMITTED FOR
APPROVAL AT TIME OF SHIPMENT:

- D6 - CERTIFIED MATERIAL TEST REPORTS
- D26 - CERTIFICATION OF CONFORMANCE TO THIS
PURCHASE ORDER

ITEM TOTAL

2190.00

101.000 E

6 EA 10/05/92 11/04/92

03 733-664-29

ELBOW, BUTT, 1", SCH-40S, LR, 900
ASTM/ASME A/SA-403 GR. WP316; ASME SECTION III,
SUBSECTION NC, ANY ASTM EDITION OR ASME EDITION
AND ADDENDA FROM 1974 THROUGH 1989. MATERIAL SHALL
BE ACCOMPANIED BY A CERTIFIED MATERIAL TEST REPORT
(CMTR), AND EACH ITEM SHALL BE MARKED IDENTIFYING
A HEAT/LOT NUMBER TO PROVIDE TRACEABILITY TO THE
CMTR. THIS ITEM SHALL BE HANDLED, SHIPPED AND
STORED AS REQUIRED BY ANSI N45.2.2, LEVEL "C".

***** MANUFACTURER'S PART #'S *****

45599 - HUB INC. - NA

CONTINUE

CP&L REQ: 03-7 3384
REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

FORM NO. 1A REV. 1/92

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

FIELD COPY-QA
PURCHASE ORDER**CP&L**CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

PURCHASE ORDER NO.	LOC	DATE
7C5685DK		10/04/92
AGREEMENT NO.	CHANGE NO.	

SHIP TO:

CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOYMAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

- THIS ORDER IS SUBJECT ONLY TO THE TERMS AND CONDITIONS APPEARING ON THE REVERSE OF THIS ORDER.
- FAX NUMBER: 919/546-6750
- SHOW OUR ORDER NUMBER AND PART NUMBER ON INVOICES, PACKING SLIPS, PACKAGES, AND CORRESPONDENCE REFERRING THIS MATERIAL.
- ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY.
- THE ATTACHED SPECIFICATION IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER.

IMPORTANT

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MOC	VENDOR INST.	SPECIFICATION AND DATE
							CN	
DOCUMENTATION CODE(S)								INVOICE PAYMENT TERMS
D6, D26								CONFIRMED WITH
SHIP VIA-FREIGHT TERMS								
ITEM		PART NO.	QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER

PRICED PER QUOTE OF 9/30/92 FROM LISA C.

VENDOR INSTRUCTIONS

N - THIS ITEM IS IMPORTANT TO NUCLEAR SAFETY. THE VENDOR SHALL IMPLEMENT A DOCUMENTED QUALITY ASSURANCE PROGRAM WHICH CONFORMS TO THE APPLICABLE REQUIREMENTS OF NCA 3800 OF ASME SECTION III (EDITION AS SPECIFIED IN EXTENDED DESCRIPTION).

SUPPLIER SHALL EXTEND APPLICABLE QA REQUIREMENTS TO LOWER-TIER SUPPLIERS.

SURVEILLANCE WILL NOT NORMALLY BE CONDUCTED ON REPLACEMENT ITEMS. BUT CP&L SHALL HAVE THE RIGHT OF ACCESS TO SUPPLIER FACILITIES AND QA RECORDS FOR SOURCE INSPECTIONS AND QA AUDIT.

THIS ITEM IS SUBJECT TO THE PROVISIONS OF 10CFR21. CP&L NUCLEAR LICENSING AND THE APPROPRIATE NUCLEAR PROJECT LOCATION SHALL BE CONCURRENTLY NOTIFIED OF ANY REPORTS MADE TO THE NRC PURSUANT TO 10CFR21. SUBMIT NOTIFICATION TO:

CAROLINA POWER & LIGHT COM.
MANAGER - NUCLEAR LICENSING
BOX 1551

CONTINUE

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

FORM NO 1A REV 1-92

CP&L

CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474

TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

FIELD COPY-QA
PURCHASE ORDER

PAGE : 11	
LAST ORDER NO.	DATE
7C5685DK	10/04/92
AGREEMENT NO.	CHANGE NO.

SHIP TO:

CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T. MCCOY

MAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

- THIS ORDER IS SUBJECT ONLY TO THE TERMS AND CONDITIONS APPEARING ON THE REVERSE OF THIS ORDER
- FAX NUMBER 919-546-8750
- SHOW OUR ORDER NUMBER AND PART NUMBER ON INVOICES, PACKING SLIPS, PACKAGES, AND CORRESPONDENCE REFERRING THIS MATERIAL
- ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY
- THE ATTACHED SPECIFICATION IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER

IMPORTANT

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MQC	VENDOR INST.	SPECIFICATION AND DATE
							CN	
DOCUMENTATION CODE(S)							INVOICE PAYMENT TERMS	
D6, D26							CONFIRMED WITH	
SHIP VIA-FREIGHT TERMS							F.O.B.	
		QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER	

ITEM PART NO.

RALEIGH, NORTH CAROLINA 27602

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
BRUNSWICK NUCLEAR PROJECT
NC HWY. 87, 2 1/2 MI. NORTH
BOX 10429
SOUTHPORT, NC 28461

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
HARRIS NUCLEAR PROJECT
STATE ROAD 1134, BOX 165
NEW HILL, NC 27562

CAROLINA POWER & LIGHT COMPANY
DEPARTMENT MANAGER
ROBINSON NUCLEAR PROJECT
SC HWY. 151 & 23, BOX 790
HARTSVILLE, SC 29550

NONFORMANCE TO PURCHASE ORDER REQUIREMENTS OR
CP&L APPROVED DOCUMENTS WHICH CONSIST OF ONE
OR MORE OF THE FOLLOWING SHALL BE SUBMITTED TO
CP&L FOR APPROVAL OF THE RECOMMENDED
DISPOSITION:

1. TECHNICAL OR MATERIAL REQUIREMENT IS VIOLATED.
2. SUPPLIER DOCUMENTS APPROVED BY CP&L ARE VIOLATED.

CONTINUE

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

FORM NO. 1A REV 11/92

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

CP&LFIELD COPY-OA
PURCHASE ORDERCAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474

PURCHASE ORDER NO.	LOC	DATE
7C5685DK		10/04/92
AGREEMENT NO.		CHANGE NO.

TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-TSHIP TO:
CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOYMAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

- THIS ORDER IS SUBJECT ONLY TO THE TERMS AND CONDITIONS APPEARING ON THE REVERSE OF THIS ORDER
- FAX NUMBER 919/546-6750
- SHOW OUR ORDER NUMBER AND PART NUMBER ON INVOICES, PACKING SLIPS, PACKAGES, AND CORRESPONDENCE REFERENCING THIS MATERIAL
- ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY
- THE ATTACHED SPECIFICATION IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER

IMPORTANT

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MQC	VENDOR INST.	SPECIFICATION AND DATE
							CN	
DOCUMENTATION CODE(S)								INVOICE PAYMENT TERMS
D6 D26								CONFIRMED WITH
SHIP VIA-FREIGHT TERMS								
		F.O.B.						
		QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER	

3. NONCONFORMANCE CANNOT BE CORRECTED BY CONTINUANCE OF THE ORIGINAL MANUFACTURING PROCESS OR BY REWORK.

4. THIS ITEM DOES NOT CONFORM TO THE ORIGINAL REQUIREMENTS EVEN THOUGH THE ITEM CAN BE RESTORED TO A CONDITION SUCH THAT THE CAPABILITY OF THE ITEM TO FUNCTION IS UNIMPAIRED.

THESE SUBMITTALS SHALL INCLUDE SUPPLIER'S RECOMMENDED DISPOSITION (FOR EXAMPLE, "USE-AS-IS" OR "REPAIR") AND TECHNICAL JUSTIFICATION. FORWARD SUBMITTALS TO THE APPROPRIATE NUCLEAR PROJECT LOCATION (ADDRESS LISTED ABOVE).

C - THIS ITEM SHALL BE STORED, PACKAGED, AND SHIPPED IN ACCORDANCE WITH ANSI N45.2.2, 1972 EDITION (OR LATER EDITION IMPLEMENTED IN ACCORDANCE WITH AN ENDORSING NRC REGULATORY GUIDE) OR APPROVED EQUIVALENT. THE VENDOR SHALL IDENTIFY ANY SPECIAL STORAGE REQUIREMENTS IMPOSED.

DOCUMENTATION REQUIREMENTS

THE FOLLOWING DATA PACKAGES SHALL BE SUBMITTED FOR APPROVAL AT TIME OF SHIPMENT:

D6 - CERTIFIED MATERIAL TEST REFUR.

CONTINUE

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

FORM NO. 1A REV 1/92

FIELD COPY: OA
PURCHASE ORDER**CP&L**CAROLINA POWER & LIGHT COMPANY
P.O. BOX 1551 RALEIGH, N.C. 27602
78474TIOGA PIPE SUPPLY CO., INC.
P.O. BOX 5997-T

PURCHASE ORDER NO.	LOC.	DATE
7C5685DK		10/04/92
AGREEMENT NO.		CHANGE NO.

SHIP TO:

CAROLINA POWER & LIGHT CO
ROBINSON PLANT-G.T.MCCOY

- THIS ORDER IS SUBJECT ONLY TO THE TERMS AND CONDITIONS APPEARING ON THE REVERSE OF THIS ORDER.
- FAX NUMBER: 919/546-6750
- SHOW OUR ORDER NUMBER AND PART NUMBER ON INVOICES, PACKING SLIPS, PACKAGES, AND CORRESPONDENCE REFERENCING THIS MATERIAL.
- ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY
- THE ATTACHED SPECIFICATION IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER.

MAIL ORIGINAL AND 2 COPIES OF INVOICE TO:
CAROLINA POWER & LIGHT CO.
C/O P.O. INVOICE ACCOUNTING
P.O. BOX 1551
RALEIGH, N.C. 27602

IMPORTANT

REQUESTED BY	PRIORITY	DELIVER TO/W.O. NO.	RECEIPT INSP.	SC	ESC	MQC	VENDOR INST.	SPECIFICATION AND DATE
							CN	
DOCUMENTATION CODE(S)								INVOICE PAYMENT TERMS
D6 D26								CONFIRMED WITH
SHIP VIA-FREIGHT TERMS								F.O.B.

ITEM	PART NO.	QUANTITY	U/M	REQ'D DATE	VNDR DELIVERY DT	UNIT PRICE	PER
------	----------	----------	-----	------------	------------------	------------	-----

D26 - CERTIFICATION OF CONFORMANCE TO THIS
PURCHASE ORDER

ITEM TOTAL

606.00

P.O. TOTAL

2974.85

REFER ALL CORRESPONDENCE TO:

JACKIE L. BRIDGES

TELEPHONE NO.

919/546-7523

AUTHORIZED BUYER

ENCLOSURE 2

RECEIPT INSPECTION DOCUMENTATION

Bin 15

RECEIPT INSPECTION REPORT		PERF: 9177,002	Rev. 0	Page 1 of 1
No: 92-926627 Procurement		NG [] CG	Criteria 001 PFOY DI 0006	
PO: 7C5885 Class		[] AQ [] Other	Vendor Code 78474 / T.eg.1	

I t e m	Q t y	Description/CP&L P/N 733-664-29	S p e c t	S t a c t	D T	E l e c	G l a s s	D e s i s	P h y s	I D h y s	P h y s	C h l o u b	W l o u b	L o u b	C o i n t	D i a m	W e l d	C o v e r
3	6	1" Batt/Weld elbow LR 70 J	I n s p e c t	S e n s i t i v e		I l l u s t r a t e d	B e c a u s e	P r o p e r t y	M e a s u r e m e n t	D i a g n o s t i c	M a i n t e n a n c e	D e f e c t i v e	C o n f i r m a t i o n	C o n f i r m a t i o n	C o n f i r m a t i o n	C o n f i r m a t i o n	C o n f i r m a t i o n	C o n f i r m a t i o n

Inspections Required _____
 Inspections Performed A=Accept *-Reject

ID#	Manufacturer	ID#	Manufacturer
HC LBGF	Taylor Forge		

Calibrated Tools Used -- Model No. _____ SN _____ Mfg _____

Remarks: (1) Material will not check as 316 on the alloy analyzer, shows as 304 on numerous trials. See attached analysis. Please advise. (P.E.)

Adverse Condition Report written on 11-11-92 - D.2.ily. ACR # 92-394

INSPECTED BY: J. Beauchamp 11/3/92 Date N/A REVIEWED BY: _____ Date _____

Corrective Action/Disposition Details: Elbows shipped to Laboratory Testing Inc For Further Testing per TIGA Pipe Supply's Request.

Final Resolution To Be TRACKED AND Documented via ACR # 92-394.

Replacement shipment was Received + Accepted on RTR 92-93612

COMPLETED BY: Dennis L.ily 11-12-92 Date J. Beauchamp 11/3/92 Date

NOV 11 '92 14:24 CP&L PURCHASING
NOV 11 '92 13:14PM

P.2



PIPE SUPPLY COMPANY INC. □ 2450 WHEATSHEAF LANE, PHILADELPHIA PA. 19137 □ 215 831 0700 □ WATS 800 828 0678
TELEX 83-4650 □ FAX 215 833 1645

11/11/92

Carolina Power & Light

Attn: Jackie Bridges

PURCHASING

NOV 11 1992

Reference: Your PO# 7C5685 DK
1" S/40 LR 90° - 3/4

Jackie,

Please use Return Authorization
number 0604 and ship these
90° elbows via Federal Express
today to: Laboratory Testing Inc
120 Mill St
Quakertown, Pa 18917

If you have any further questions,
please call.

Thank you

Lisa Chynowski



DISTRIBUTOR OF CARBON STAINLESS AND ALLOY STEEL TUBULAR PRODUCTS FITTINGS AND FLANGES



24

CP&L

FORM NO 36005
CP&L #049-000-15
REV 10/84

RECEIVER / INSPECTION REPORT

DATE 11/12/92 LOCATION 02 ROBINSON PLANT

PO# 7C5685 RECV# 926629
LINE# 03 DATE RECV. 11/12/92
REQ. BY GTM RECV. BY RDH
MAN. REQ# 7C6384 QTY RECV

** INCORRECT DISP **

6.00 PKSLIP QTY

6.00 BAL DUE

0.00

CURRENT PART # 733-664-29

NAME ELBOW, BUTT, 1", SCH-40S, LR, 90D
ASTM/ASME A/SA-403 GR. WP316; ASME SECTION III,
SUBSECTION NC, ANY ASTM EDITION OR ASME EDITION
AND ADDENDA FROM 1974 THROUGH 1989. MATERIAL SHALL

VENDOR 78474
TIOGA PIPE SUPPLY CO., INC.
BUYER JACKIE L. BRIDGES
PHONE 919 5467523

ACCOUNT #

UNIT PRICE PER U/M
101.000 E EA

BIN LOCATION
INCORRECT

MQC
Q

VENDOR INST.
NC

U/I U/QTY
EA

STORAGE C

INSP. REQ

AE

MIN
MAX

0
0

*** INCORRECT MATERIAL **
QTY INCORRECT 0.00
QTY ACCEPTED 0.00
QTY RETURNED 6.00
RESHIP CORR Y

BUYER

DATE

SIGNATURE
APPROVALS

RECOMMENDED
DISPOSITION

DISCREPANCY
DESCRIPTION

25

FORM NO. 88564
12/89

METALLURGICAL SERVICES SECTION
HARRIS E&E CENTER
P. O. BOX 327 (SR 1127)
NEW HILL, NC 27562

PROJECT REQUEST FORM

Request Date: 11/5/92

To: David E. Whitaker, Manager - Metallurgical Services Section

Requestor's Name: BRUCE FARMER / CHESLEY BRYAN

Telephone No.: 803-383-1846

Plant/Department: HBR MC

Plant Unit No.: 2

Component or System Involved: _____

Is this Project Nuclear Safety Related: Yes ☒ No ☐

Applicable Code(s) or Specification: _____

Brief description of problem or question and priority: VERIFY MATERIAL AS 316SS. NOTE: ALLOY ANALYSIS AT HBR SHOWED MAT'L AS 304 (LOW MO OF .14%). PERFORM ADDITIONAL TESTS AS NECESSARY TO VERIFY MO CONTENT.

Type of response required:

Date Response needed: 11/10/92

Verbal ☐

Short Memo ☒

Full Length Report ☐

Procedure QR ☐

WPS ☐

Performance QR ☐

Other ☐

Special Instructions, Charge Number (if applicable) or comments: _____

NOTE: PLEASE FILE TO OBTAIN FILINGS FOR TESTING.

HBR NEEDS THE ELBOWS RETURNED.

CP4L P/N 733-664-29

TEST 2 PER QVS-402 SAMPLING.

P.O. 7C5085

(6 ELBOWS REC'D ON P.O.)

TO BE COMPLETED BY METALLURGICAL SERVICES SECTION PERSONNEL

Incoming Unit Authorization: _____

Unit Manager

Date

Project Number: _____

Estimated Manhours: _____

Failure Analysis ☐

Project Type

Welding ☐

Mechanical Test ☐

Remaining Life ☐

Asbestos ☐

WPS ☐

Material Identification ☐

Procedure QR ☐

Performance QR ☐

Scale Mass Determination ☐

Other ☐

Project Title: _____

Date Received: _____

Targeted Completion Date: _____

Investigator: _____

Investigator: _____

Investigator: _____

Investigator: _____

Project Status: Complete ☐ Cancelled ☐

Outgoing Approval: _____

Unit Manager

Date

CAROLINA POWER & LIGHT COMPANY
METALLURGICAL SERVICES SECTION
MATERIALS EVALUATION - METALLURGICAL UNIT

MEMORANDUM

To: Bruce Farmer

Project Number: 92-645

Date: NOV 6 1992

Investigators:

J.W. Wood

Reviewed by:

Distribution:

File

Approved by: D.J. Block

Manager, Materials Evaluation-
Metallurgical Unit

Subject: Robinson 2 - CGI - Material Verification of Two Elbows,
CP&L PN 733-664-29, PO 7C5685-03

The objective of this analysis was to perform a materials verification on two ninety degree elbows. The elbows had been procured under Purchase Order Number 7C5685-03 as CP&L Part Number 733-644-29. The elbows were specified as Type 316 stainless steel.

Material verification was performed on metallographically prepared filings from the two elbows using an energy dispersive X-ray spectrometer (EDS) attached to a scanning electron microscope (SEM). It should be noted that this analytical technique does not permit the analysis of elements having atomic numbers less than eleven or present in concentrations of less than one-tenth of a weight percent. Therefore, elements such as carbon, hydrogen, and oxygen, for example, are not detected by this instrumentation. The EDS/SEM results provided results which showed the two elbows to have compositions which were most similar to Type 304 stainless steel instead of Type 316 stainless steel.

CP&L

FORM NO. 36005
CP&L #049-000-15

ATTACHMENT 1 TO ACR 92-394

UPON PERFORMING A RECEIPT INSPECTION OF SIX EACH LONG RADIUS, ONE INCH, NINETY DEGREE ELBOWS, THE MATERIAL TYPE WAS FOUND TO BE INCORRECT. AS PART OF THE QVS MATERIAL VERIFICATION PROGRAM, ELBOWS WERE ANALYZED USING THE ALLOY ANALYZER. THE ANALYZER DETERMINED THE MATERIAL TYPE AS 304SS. PURCHASE ORDER NO. 7C5685 REQUIRES MATERIAL TO BE 316SS. AFTER FURTHER TESTING BY THE HARRIS E&E CENTER, ELBOWS WERE CONFIRMED TO HAVE AN INCORRECT MATERIAL TYPE OF 304SS. THE VENDORS Q.C. MANAGER WAS NOTIFIED WHO IN TURN CONTACTED THE FOUNDRY (TAYLOR FORGE). THE FOUNDRY VERBALLY CONFIRMED THROUGH TIOGIA SUPPLY THAT AN ERROR HAD BEEN MADE AND THE MATERIAL TYPE IS ACTUALLY 304SS AS SUSPECTED. THE Q.C. MANAGER STATED TAYLOR FORGE HAD AGREED TO INITIATE A 10CFR21 REPORT. BE ADVISED THE ELBOWS WERE REPRESENTED BY THE VENDOR AND THE MANUFACTURER AS BEING 316SS THROUGH ATTACHED CERTIFICATE OF CONFORMANCE, CMTRS FROM BOTH TAYLOR FORGE STAINLESS AND COMBUSTION ENGINEERING, AND ACTUAL MARKINGS ON THE ELBOWS.

James Beauchamp
JAMES BEAUCHAMP
11-10-92

D. Lisenby
DEWITT LISENBY
11-10-92

0973

4373



PIPE SUPPLY COMPANY INC. ☐ 2450 WHEATSHEAF LANE, PHILADELPHIA, PA 19137 ☐ 215 831-0700
WATS NUMBER 800 523-3678 ☐ TELEX 83-4650
FAX 215 533-1645

RELEASE FOR SHIPMENT

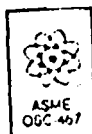
DATE: 10-19-92
COMPANY: Taylor Forge Stnls
TELECOPY #: _____
ATTENTION: Debbie
SUBJECT: TIoga P.O. # A5099FN YOUR# 1386N
PAGES TO FOLLOW: 1
FROM: Louise

PLEASE RELEASE FOR SHIPMENT AND SHIP TO: ✓

NAME: Carolina Power & Light
H B Robinson C L Plant
ADDRESS: SC Hwy 151 - S H Hwy 23
Hartsville, SC 29556

PLEASE INCLUDE THE FOLLOWING WITH SHIPMENT: ✓

- ☒ TIoga PIPE'S C of C
☒ MILL TEST CERTIFICATE
☐ CUSTOMER'S C of C
☐ OTHER



DISTRIBUTOR OF CARBON STAINLESS AND ALLOY STEEL TUBULAR PRODUCTS FITTINGS AND FLANGES



29

TAYLOR FORGE STAINLESS

22 Readington Road, North Branch, New Jersey 08876
P.O. Box 610, Somerville, New Jersey 08876
Phone: (908) 722-1313

PACKING LIST

28893

ORDER NO.	CUST. P.O. #	PAGE #
1386N	456996	

S
O
L
D
T
O

11000
110GA PIPE
2450 WHEATSHEAF LANE

PHILADELPHIA PA 19137

S
H
I
P
T
O

CAROLINA POWER & LIGHT
H B ROBINSON E G PLANT
SC HWY 151 SW HWY 23

HARTSVILLE SC 29550
ATTN.

DATE		SHIP VIA	F.O.B.	TEST REPORTS:		CONTACT		
10/16/92		NEXT DAY - UPS	S.P. - PP & CHG	MTR'S - 1 COPY WITH SHIPMENT 1 COPY WITH INVOICE		MC/SB		
PART	DESCRIPTION	QTY. ORD.	QTY. TO SHIP	ACTUAL QTY.	HEAT #	HEAT #	HEAT #	
0931 1386N-03	QA RELEASE FORM 42		/					
	ASME SA403 WP 316S		/					
	ASME SEC. III, CL. 2:		/					
	1986 ED NO ADD;		/					
	SA 652 RM.RO.RP.		/					
	TPS ATTACHMENT A 1 REV-0,		/					
	1-15 AND 190 APPLY		/					
	ANSI M45.2.2 LEVEL D APPLY		/					
	TAG: 7C5625 DK		/					
	1 LR 90 40S 316S TAG: CP&L PART # 733-664-29	6	6	6	LBQF			
SHIP DATE		VIA	D.L. #	# OF BOXES	WEIGHT	ZONE	UPS CHARGES	PACKED

30



PIPE SUPPLY COMPANY INC.
2450 WHEATSHEAF LANE, PHILADELPHIA, PA 19137

CUSTOMER PURCHASE ORDER CERTIFICATE OF CONFORMANCE

Description	Applies		Description	Applies	
	Yes	No		Yes	No
Material Manufacturers Certified Material Test Report (CMTR)	X		Report of treatments, examinations or tests not performed		X
Material Manufacturers Supplemental Certifications for Examinations and/or Tests		X	Manufacturers or subcontractors Radiographic Reader's Report		X
Material Manufacturers Subcontractors CMTR		X	Manufacturers or subcontractors Radiographic Film		X
Tioga Pipe Supply Co., Inc. Subcontractors CMTR for NDE		X	Partial Data Reports or other records for weld w/filler metal pipe		X
Tioga Pipe Supply Co., Inc. Subcontractors CMTR for Destructive Testing		X	Tioga Pipe Supply Co., Inc. Certificate of Analyses and Tests		X

Material Ordered: 1" SCH40S L/R 90 DEGREE ELBOW - 6 PCS

- 1) ASME CODE SECTION II 1986 EDITION NO ADDENDA FOR ASME SA403 WP316 MATERIALS.
- 2) ASME CODE SECTION III 1986 EDITION NO ADDENDA ARTICLES NC-2000 AND NCA-3800 FOR CLASS 2 MATERIALS.
- 3) ASME SA652 CLASS 2 RM, RO & RP

Traceability: LBQF

Manufacturer: TAYLOR FORGE STAINLESS

Tioga Pipe Supply Co., Inc. affirms that the contents of their attached reports is correct and accurate and that this material was processed by Tioga Pipe Supply Co., Inc. in compliance with their Quality Systems Program. The material supplied conforms to the purchase order requirements.

REFERENCE INFORMATION

Customer P.O. # 7C5685DK
Item # 03

Tioga S.O. # 782580
Item # 3

Tioga Pipe Supply Co., Inc.
ASME Certificate of Authorization
(Materials) - Number QSC- 467
Expiration Date - 11-5-94

Category A

Louise Lorman 10-19-92
Quality Assurance Date

TAYLOR FORGE STAINLESS

P.O. Box 610
Somerville, NJ 08876
201-722-1313
Telex: 833451

MANUFACTURER TEST REPORT

1386N-03 QTY: 6 PO# A50998N

PRODUCT NUMBER: _____

PRODUCT DESCRIPTION: 1" LR 90 S/40S WP316S SA403

TEST REPORT

HEAT SYMBOL

LBQF

PHYSICAL PROPERTIES					CHEMICAL ANALYSIS									
YIELD STRENGTH PSI	TENSILE STRENGTH PSI	ELONG IN 2" %	REDU IN AREA %	HARDNESS	C %	MN %	P %	S %	SI %	MO %	CR %	NI %	CO %	
45000	87000	61			.015	1.80	.023	.001	.26	2.16	17.30	12.58		

0.2% Offset

Start Mat Spec

SA312

☐ L ☐ S ☐ H

MILL HEAT NO

KSD1117

☐ Welded

☒ Seamless

- ☐ U.T. Insp. & Accepted per Process _____
- ☐ R.T. Insp. & Accepted per Process _____
- ☒ P.T. Insp. & Accepted per Process _____
- ☒ Annealed 1950° F 1 Hr/lb. max. thickness and water quenched to less than 800° F in less than 3 minutes
- ☒ Hydro flattening tests satisfactory
- ☒ Fittings were manufactured in accordance with the purchase order requirements and specifications.
- ☒ Visual and dimensional inspection of fittings revealed conformance to the contract requirements.
- ☒ Material certified to be free of mercury, sulphur, halogen and low melting point alloy contamination.

REMARKS:

ASME SA403 WP 316S
ASME SEC, III, CL-2; 1986 ED NO ADD;
SA652 IM.R0.RP.
TPS ATTACHMENT A1 REV-0 1-15 AND 19D APPLY
ANSI N45.2.2 LEVEL D APPLIES
TAG: 7C5685 DK
TAG: CP&L PART # 733-664-29
10CFR21 AND NCA 3800 APPLY
10CFR50 APPENDIX B APPLIES
NO WELDING WAS PERFORMED
QSC# 269 EXPIRES 1-21-95
FINAL CLEANING PICKLING

DEBORAH LOVELESS
QUALITY ASSURANCE TECH.

10-19-92
DATE

[Signature] / QA
QUALITY CONTROL

TIOGA PIPE
QA ACCEPTANCE
BY 22
DATE 10-19-92

32

COMBUSTION ENGINEERING

CERTIFICATE OF TEST

C-E Power Systems
Combustion Engineering, Inc.
500 W. 28th Street
Chattanooga, Tennessee 37408 / Tel. 615/285-4837

CUSTOMER: GUYON ALLOYS, INC.

SIZE: 1" SCH. 40 "SMLS" S.S. TP-316 C/D

448

LBQF

SPEC: ASTM A312-85A/ASME SA312 ASTM A376-85/ASME SA376 & ASME SECTION III CLASS 2, 1983 EDITION THRU WINTER 1985 ADDENDA

CUSTOMER ORDER NO. A79699N

C-EORDER NO. 94365301

DATE: 09/08/86

PAGE 1

COMPOSITION, PERCENT

HEAT NO.	% EL (2")	ULT STR (KSI)	YIELD STR (KSI)	C	Mn	P	S	Si	Ni	Cr	Mo	Cb+Ta
KSD1117	61	87	45	.015	1.80	.023	.001	.26	12.58	17.30	2.16	
				.018	1.83	.018	.006	.26	12.13	17.20	2.18	
				.017	1.83	.018	.006	.26	11.97	17.13	2.17	

HEAT ANALYSIS
PRODUCT ANALYSIS 1
PRODUCT ANALYSIS 2

BRIGHT ANNEALED FOLLOWED BY HYDROGEN QUENCHING FROM 1900 F TO 800 F IN NOT MORE THAN 3 MINUTES. PROCEDURE 9T-9.1.5.3(D) REVISED 11/03/81.
ALL MATERIAL FURNISHED ON THIS ORDER IS FREE OF MERCURY CONTAMINATION.
THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH OUR QUALITY PROGRAM REV. D DATED 06/27/85 WHICH WAS AUDITED BY GUYON ALLOYS, INC. ON 11/22/85 AND APPROVED AS MEETING THE REQUIREMENTS OF ASME SECTION III, SUBSECTION NCA-3800.

RADNOR ALLOYS

Taylor Doyle
42-29203

FLATS PASSED
HYDRO 2500 PSIG PASSED
ASTM A-262-79 PRACTICE E (CU-CUSON) PASSED
PROVISIONS OF 10CFR21 APPLY TO THIS ORDER
MATERIAL IS SUPPLIED IN ACCORDANCE WITH ASME SA 555-77 CLASS 2 & 3, PARAGRAPHS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
RM, RO AND RP. THE HEAT NUMBER (OR CODE) MARKED ON THE MATERIAL IDENTIFIES THAT MATERIAL WITH THIS CERTIFIED MATERIAL TEST REPORT.
NO WELD REPAIRS HAVE BEEN MADE ON THIS MATERIAL.
ELECTRIC FURNACE
CONTAINS NICKEL AND CHROMIUM. WHEN TUBING IS WELDED, TOXIC FUMES MAY BE RELEASED. SEE MATERIAL SAFETY DATA SHEET FOR PRECAUTIONS.
THIS IS TO CERTIFY THAT THE ABOVE MATERIAL HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH AND HAS MET ALL REQUIREMENTS OF THE SPECIFICATION.

Q. A. APPROVED
BY: *[Signature]* DATE: *10-1-86*
GUYON ALLOYS, INC.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 08TH DAY OF SEPTEMBER, 1986

COMBUSTION ENGINEERING

CERTIFICATE OF TEST

C-E Power Systems
Combustion Engineering, Inc.
500 W. 26th Street
Chattanooga, Tennessee 37408 / Tel 615/285-4631

CUSTOMER: GUYON ALLOYS, INC. *****

CUSTOMER ORDER NO . A79699N

SIZE .1" SCH. 40 "SMLS" S.S. TP-316 C/D

C-EORDER NO 94365301

SPEC. ASTM A312-B5A/ASME SA312 ASTM A376-B5/ASME SA376 & ASME SECTION III, CLASS 2, 1983 EDITION THRU WINTER 1985 ADDENDA

DATE . 09/08/86

PAGE 2

COMPOSITION, PERCENT											
HEAT NO.	ULT STR (KSI)	YIELD STR (KSI)	C	Mn	P	S	Si	Ni	Cr	Mo	Cb+Ta
<p>James E. Clark</p> <p>Edna M. Massengale</p> <p>My Commission Expires 12/31/86</p> <p>TUBE MANUFACTURING PLANT MET. AND QA DEPARTMENT</p> <p>LBQF</p> <p>Q. A. APPROVED BY: <i>[Signature]</i> DATE: 12-1-86 GUYON ALLOYS, INC.</p>											

4 3 7 5 INSPECTION SUMMARY 9 9 3 6

705685

Purchase Order

926629

RIR

11099

Vendor

ITEM	ID	DESCRIPTION	1	2	3	AVG	U _n	TENSILE REQ.	TOL. U _n	ACC/REJ	DATE	EXAMINER

11/3/92
Last Standardization

ITEM	IL	DESCRIPTION	Cr	Mn	Ni	Cu	Mo	Co	Nb	Fe	BKBS	FBS	MATERIAL	DATE	EXAMINER
1	269	1" x 1/2"	.05	17.51	1.97	11.15	.14			58.6			304	11/3/92	M. S. S. S.