



State of New Jersey

DEPARTMENT OF HEALTH

JOHN FITCH PLAZA, P.O. BOX 1540, TRENTON, 08625

February 21, 1969

Robert Kirkman, Esq.
Division of Compliance, Region I
United States Atomic Energy Commission
960 Broad Street, Room 806
Newark, New Jersey

Dear Mr. Kirkman:

Refer to: (1) USAEC Docket 50-219;
(2) NJPUC Docket 652-60.

On Thursday, February 13, 1969, Messrs. A. A. Cella and P. E. Kiebler met Commissioners R. T. Byrne and A. J. Grossi of the Public Utilities Commission and W. Gural, Esq., Deputy Attorney General for the Department of Public Utilities. These gentlemen are officers of PIPECO Steel Corporation, East Dickerson Boulevard, Dover, New Jersey. They stated an allegation which I now transmit to the AEC via your office for consideration and action in keeping with the public interest. I am doing this in my capacity as Vice Chairman of the New Jersey Atomic Energy Council.

The officials of PIPECO advised Mr. Gural their corporation refused to supply pipe to Jersey Central Power and Light Company for use in the Oyster Creek Station Number One since it did not meet appropriate specifications. They further stated, they have learned another firm (not identified) supplied the piping which meet ASTM-A-312 F.M. standard. Mr. Cella and Mr. Kiebler opinioned the use of filler was objectionable and led to a reduction in quality not allowable for a nuclear power station.

I trust you will advise New Jersey as to your actions and findings in this matter.

Sincerely,

A handwritten signature in cursive script, reading "Roscoe P. Kandle".

Roscoe P. Kandle, M.D.
Vice Chairman
New Jersey Atomic Energy Council

8304070284 690610
PDR ADOCK 05000219
G PDR

EXHIBIT A

FEB 28 1969

ALBERT
PIPE SUPPLY CO., INC.
 101 VARICK AVENUE
 BROOKLYN, N. Y. 11237
 212 HY 7-4900
 CABLE "PIPESUPPLY"

VALVES
PIPE
FITTINGS
PURCHASE ORDER
 Alloy Tube & Pipe Corp.
 PO Box 9429
 Houston, Texas 77011

 S Tubeco, Inc.
 H 123 Varick Ave.
 I Brooklyn 37, N.Y.
 P

Att: Mr. Bill O'Rear

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|---|--------------------------------|---|---|
| DATE 10/25/66 | F.O.B. POINT as noted below | TERMS 1/2 1% 10 - net 30 days | P36873 D AP |
| SHIPPING INSTRUCTIONS best way | | DATE WANTED 8/10 wks. RUSH | THE ABOVE ORDER NO. MUST APPEAR ON ALL INVOICES & SHIPPING PAPERS & REFERRED TO IN CORRESPONDENCE |
| <input type="checkbox"/> PACK FOR EXPORT SHIPMENT | | <input type="checkbox"/> PARTIAL SHIPMENT ALLOWED | |
| <input type="checkbox"/> SHIP IN OUR NAME | | <input type="checkbox"/> SHIP COMPLETE ES/sc | |

| QUANTITY | DESCRIPTION | PRICE |
|--|---|-------|
| CONFIRMATION TAG: JOB 609600 - ALL ITEMS - TAG PIPE: REQ. T1996 | | |
| Item 1 14 ft. 0" | 22" OD Sch. 80 (1.125W) st. steel pipe, weld A&P cut to exact lgth. + or - 1" ends bev. for welding std. ASA bevels (appr. 276¢/ft) | |
| Item 2 33' 0" | 16" OD Sch. 80 (.843W) ditto + 100% radiography | |
| Item 3 18' 0" | 14" OD Sch. 80 (.750W) ditto + 100% radiography | |
| Item 4 200' | 12-3/4" OD Sch. 80 (.687W) ditto + 100% radiography | |
| Item 5 220' | 10-3/4" OD Sch. 80 (.593W) ditto + 100% radiography | |
| Item 6 250' | 8-5/8" OD Sch. 80 (.500W) ditto + 100% radiography | |

NOTE: ON DISCOUNT TO OUR CUSTOMER PLEASE FORWARD US SHIPPING DATE AND ROUTING.

EXHIBIT B (1 of 2 pages)



ALBERT

PIPE SUPPLY CO., INC.
101 VARICK AVENUE
BROOKLYN, N.Y. 11237
212 HY 7-4900
CABLE "PIPESUPPLY"

VALVES PIPE FITTINGS

PURCHASE ORDER

TO ALLOY TUBE & PIPE.

PAGE TWO

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|--|--------------|---|--|
| DATE | F.O.B. POINT | TERMS | P36873 B AP |
| SHIPPING INSTRUCTIONS | | DATE WANTED | THE ABOVE ORDER NO. MUST APPEAR ON ALL INVOICES & SHIPPING PAPERS & REFERRED TO IN CORRESPONDENCE. |
| <input type="checkbox"/> PACK FOR EXPORT SHIPMENT <input type="checkbox"/> SHIP IN OUR NAME | | <input type="checkbox"/> PARTIAL SHIPMENT ALLOWED <input type="checkbox"/> SHIP COMPLETE | |

ES/sc

| QUANTITY | DESCRIPTION | PRICE |
|---------------------------|--|-------|
| | Note: on Radiography- see code case N-7 to ASA B-31 Sect. 1 A312 100% radiographed Above pipe FOB Houston, Texas | |
| | TAG: FITTINGS: REQ. T-1998 | |
| Item 7 2 | 16" Sch. 80 (.843) LR 90 deg. weld ells ASTM A403 (includes 100% radiography) T316 St. Steel with ends bev. for welding, std. ASA bevels | |
| Item 8 2 | 14" Sch. 80 (.750) ditto | |
| Item 9 2 1/200 N.Y. | 16" Sch. 80 (.843) x 10" Sch. 80 (.593) eccentric weld reducers ditto specs. | |
| | Above fittings FOB delivered Brooklyn, N.Y. whse. | |
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EXHIBIT B (208478)

ALBERT PIPE SUPPLY CO., INC.

- 4.11 System shall be designed to withstand hydrostatic test loads without the use of additional supports.
- 4.12 Consideration should be given to the size and application of fittings such as elbows, tees, and laterals, also orifices. When high velocity water is introduced into pipe lines in a direction parallel to the main flow, a wye connection shall be used to reduce erosion. Special consideration should be given particularly to the extraction lines from the turbine.
- 4.13 The nuclear steam system should not in any way be connected to the building heating system.
- 4.14 Stainless steel piping should be sleeved through concrete and otherwise arranged to prevent contamination due to chlorides. sleeves thru concrete for 4/5
- 4.15 Thermal sleeves shall be employed at intersections where temperature difference exists between two flows.
- 4.16 Connections for obtaining steam samples must be carefully located so as to obtain a true steam sample, free of carried over or precondensed water.

5.0 MATERIALS

5.1 Connections

Any vessel or equipment nozzles to which piping is to be welded should have a shop installed safe end of the same material as the piping. No dissimilar metal joint field welds should be permitted. All stainless steel to carbon steel joints should be shop welded. dissimilar metal welds

- 5.2 In general, in the transition from the primary coolant loop to one of the nuclear steam supply auxiliaries where the piping material changes from stainless steel to carbon steel, the transition joint should be made downstream from the first shut-off valve on the lines leading from the stainless system and upstream from the last shutoff valve on lines leading to the stainless system. However, in the cases of primary steam and primary feedwater lines the material change occurs at the vessel nozzle. It is recommended that for all piping connections to the reactor vessel for system that are not in normal continuous use, the piping up to and including the first stop valve be fabricated from stainless steel. All dissimilar metal joints (stainless to carbon steel) should be easily accessible for inspection. 5/5 Piping from React to 1 Stop

5.3 Material Specification Recommended for the Following Systems

- 5.3.1 Pipe: ASTM A-376, A-312, and A-338 Class 1, Type 304 or 316 Stainless Steel
 Fittings: 2" and under ASTM A-182, GR.F304
 2 1/2" and up ASTM A-403, GR.WP-304 or WPV - 304

- 5.3.1.1 Emergency Condenser
- 5.3.1.2 Control Rod Drive Hydraulic (where specified)
- 5.3.1.3 Reactor Cleanup
- 5.3.1.4 Liquid Poison
- 5.3.1.5 Reactor Recirculating System
- 5.3.1.6 Condensate Demineralizer
- 5.3.1.7 Instrumentation and Control, all reactor main steam systems (where specified)
- 5.3.1.8 Core Spray
- 5.3.1.9 Shutdown Cooling

Has low stress value, don't use on High pressure sys. tube

EXHIBIT C (3 of 3 pages)

Resin Transfer ... for 1 violet 6/14/66 to 6/14/66 ... 5/6

FUNCTIONAL SPECIFICATION AND DESIGN CRITERIA

FOR

JERSEY CENTRAL

OYSTER CREEK NUCLEAR POWER PLANT

Author: GB LLOYD

Date: July 13, 1964

Revision: 3

GENERAL ELECTRIC COMPANY

ATOMIC POWER EQUIPMENT DEPARTMENT

EXHIBIT C (1 of 3 pages)

FUNCTIONAL SPECIFICATION AND DESIGN CRITERIA

ECR

PIPING AND VALVES

1.0 SCOPE

1.1 Purpose

This criteria establishes specific requirements for any piping system connected to the reactor pressure vessel and for all piping systems which will or may become contaminated by radioactive fluids.

1.2 Extent

Systems covered by this criteria are listed below:

- 1.2.1 Control Rod Drive Hydraulic System
- 1.2.2 Reactor Water Recirculating System
- 1.2.3 Reactor Cleanup System
- 1.2.4 Emergency Condenser System
- 1.2.5 Reactor Shutdown System
- 1.2.6 Core Spray System
- 1.2.7 Post Incident Cooling System
- 1.2.8 Liquid Poison System
- 1.2.9 Main Steam System —
- 1.2.10 Condensate System
- 1.2.11 Condensate Demineralizer System
- 1.2.12 Extraction and Heater Drain Systems
- 1.2.13 Feedwater System
- 1.2.14 Condensate Surge System
- 1.2.15 Refueling Tank Water Storage System
- 1.2.16 Fuel Pool Cooling and Filtering System
- 1.2.17 Reactor Building Closed Cooling System
- 1.2.18 Drywell and Suppression Pool Vent Systems
- 1.2.19 Condenser Off-Gas System
- 1.2.20 Instrumentation and Control
- 1.2.21 Turbine Building Closed Cooling Water System
- 1.2.22 Radioactive Waste Disposal System
- 1.2.23 Resin Transfer System
- 1.2.24 Steam to Air Ejectors
- 1.2.25 Turbine Gland Steam and Drains
- 1.2.26 By-Pass Steam System
- 1.2.27 Reheater Supply Systems

ASA B 16.11 "Steel Socket Weld Fittings"
B 36.10 "Wrought steel & wrought iron pipe"
B 36.19 "Stainless steel pipe"

2.0 CODE REQUIREMENTS

2.1 ASA Code

With the exception of the piping specifically defined in Paragraph 2.2 below, all piping, valves and fittings shall be designed, fabricated, erected, supported and tested in accordance with Sections 1 and 6, ASA B31.1, B16.11, B36.10 and B36.19, Codes for Pressure Piping together with the latest supplements, addenda and applicable nuclear code cases.

GENERAL ELECTRIC
COMPANY

NUCLEAR ENERGY
DIVISION

175 CURTNER AVE., SAN JOSE, CALIF. 95125 . . . AREA CODE 408, TEL. 297-3000
TWX NO. 408-287-6484

ATOMIC POWER EQUIPMENT DEPARTMENT

October 10, 1966

RAH-66-398
JCL-66-7

Jersey Central Project: Req. 303-91700
Subject: Emergency Condenser Piping

Mr. D. H. Kregg
Burns & Roe, Inc.
700 Kinderkamack Rd.
Oradell, New Jersey, 07960

Ref: Telecon J. Larrew and G. Lari, October 10, 1966
Meeting R.A. Huggins and G. Lari, October 7, 1966

Dear Dave:

Our criteria on piping for the Emergency Condenser system originally outlined A 312 (seamless or welded pipe) or, as an alternate, A 376 (seamless pipe). Your specification requires seamless pipe for this system.

I understand that procurement problems have arisen based on obtaining seamless pipe as outlined in your specification. As mentioned in our criteria, welded pipe is acceptable for this application. We understand that you will perform stress analysis based on the use of welded stainless steel pipe and specify the necessary piping schedule.

Sincerely yours,

R. A. Huggins
Principal Project Engineer
Jersey Central Project

JCL/RAH/ac

* ADVISE BIDDERS TO S-60

Advised Tubers

10/14/66 by GAL
10/16/66
ac

EXHIBIT

D

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION
TELEGRAM

SYMBOLS

DL = Day Letter

NL = Night Letter

LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

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NS HSC541 JT COLLECT HOUST ON TEX 27 1004P CST
TUBECO INC

ATTN ART GREEN, VICE PRES 125 VARIK AVE BROOKLYN NY
REYOUR LETTER RECEIVED TODAY. WILL CERTIFY PIPE MANUFACTURED
TO A-358 SPECIFICATION INSTEAD OF A-312. PAPERS WILL BE MAILED
SHORTLY

A W GALBRAITH FORMERLY OF ALLOY TUBE AND PIPE

A-358 A-312.

SF1201(R2-65)

EXHIBIT E

April 4, 1969

Re: Albert Pipe & Supply P. O. #P 36873 D

At the time of issuance and manufacture of the piping furnished under the referenced Purchase Order, I was employed as General Manager of Alloy Tube & Pipe Corporation.

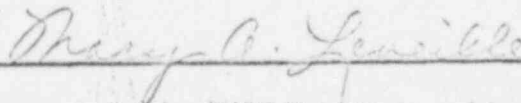
In this capacity, the Quality Control Department was directly responsible to me.

To the best of my knowledge and belief, all requirements of A-358 have been complied with for the piping furnished to Albert Pipe & Supply Co.


W. O. Strong, Jr.

WOS:ml

Signed before me 4-4-69.



MARY A. LEVEILLE
Notary Public, in and for Harris County, Texas
My Commission Expires June 1, 1969

EXHIBIT F



ALLOY TUBE & PIPE CORPORATION

P. O. BOX 9422 • HOUSTON, TEXAS 77011
PHONE WA 2-2576 / AREA CODE 713

April 4, 1969

CERTIFICATION

Re: P. O. #2 36873 D

To: Albert Pipe & Supply Co., New York to
Alloy Tube & Pipe Corporation.

Although the referenced Purchase Order called for A-312 welded pipe, the required wall thicknesses were such that A-358 was applicable, and was, in fact, provided.

To the best of my knowledge and belief, all requirements of A-358 have been complied with for the piping furnished to Albert Pipe & Supply Co.

The material certifications and piping were marked as A-312 solely for the purpose of conforming to the purchase order. Material certifications have been corrected and are attached.

Albert W. Heath
A. W. Calibration

Signed before me 4-4-69

Henry G. Smith

EXHIBIT G

TEST REPORT

ALLOY TUBE AND PIPE CORP.

PHONE 713-WA 6-7408 WA 6-1784 • P. O. BOX 9429 • 1000 FRIG • HOUSTON, TEXAS 77011

| | | |
|-----------------------|----------------------|----------------|
| OUR SHIPMENT NO. 1513 | DATE SHIPPED 3-10-67 | DATE 4-3-69 |
| Albert Pipe & Supply | | YOUR ORDER NO. |
| 101 Varick Avenue | CORRECTED COPY | P 36873 D |
| Brooklyn, N. Y. 11237 | | REFERENCE |
| Attn: A. B. Wesler | | |

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|---|----------------|
| 2. | 16" x .843" Wall Welded A&P Pipe x R/L S.S. | Type 316 A-358 |
| 3. | 14" OD x .750" Wall ditto | Type 316 A-358 |

Ref. Wire 5-2-67 on all pipe matl. meets X-ray Code Case N-7 to ASA B31 Sect.

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | | |
|--|-------------------|--------|-------|-------|------|-----|--------|--------|------|-----|-----|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
| 2. | 32059 | .047 | 1.60 | .024 | .024 | .63 | 17.55 | 12.53 | 2.20 | | |
| The above heat number is correct. In the event heat 32069 is marked on the material, please revise if you feel it necessary. | | | | | | | | | | | |
| 3. | 11547 | .052 | 1.74 | .024 | .018 | .54 | 17.75 | 12.57 | 2.62 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNE |
|------|------------------|-----------|---------|------------|-----------|---------|
| 2. | | 34,500 | 80,000 | 62 | 70 | 149-156 |
| 3. | | 36,500 | 80,000 | 66 | 72.5 | 156-163 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME

4-3-69

Alloy Tube & Pipe Corp.

EXHIBIT H (1 of 6 pages)

MARY A. LUTHERIE

TEST REPORT

ALLOY TUBE AND PIPE CORP.

PHONE 713-WA 8-7488 WA 8-1754 * P. O. BOX 9429 * 1000 PRIO * HOUSTON, TEXAS 77011

| OUR SHIPMENT NO. | DATE SHIPPED | DATE |
|--|--|-----------------------------|
| Albert Pipe & Supply Co. 101 Varick Avenue Brooklyn, N. Y. 11237 Attn: A. B. Wesler | 3-17-67 | 4-3-69 |
| | CORRECTED COPY | YOUR ORDER NO. P 36873 D |
| | | REFERENCE |
| ITEM | DESCRIPTION | SPECIFICATIONS |
| 4. | 12" x .687" Wall Weld. Pipe A&P S.S. x 14' R/L | Type 316 A-358 |
| 5. | 10" x .593" Ditto | Type 316 A-358 |

Ref. Wire 5-2-67 on all pipe matl. meets X-ray Code Case N-7 to ASA B31 Sect. 1

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|----|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU |
| 4. | 76687 | .072 | 1.41 | .026 | .021 | .72 | 17.38 | 12.65 | 2.15 | |
| 5. | K56682 | .043 | 1.49 | .020 | .022 | .41 | 17.57 | 12.75 | 2.27 | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|---------------|---------------|------------|-----------|------------|
| 4. | | 46,300/45,300 | 83,500/83,100 | 54/50 | | BN-148-153 |
| 5. | | 39,500 | 76,400 | 56 | | BN-135 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME

4-3-69

Alloy Tube & Pipe Corp.

EXHIBIT 14(2 of 6 pages)

TEST REPORT

ALLOY TUBE AND PIPE CORP.

PHONE 713-WA 6-7468 WA 6-1754 • P. O. BOX 9429 • 1000 FHO • HOUSTON, TEXAS 77011

| | | |
|-----------------------|----------------|----------------|
| OUR SHIPMENT NO. | DATE SHIPPED | DATE 4-7-69 |
| Albert Pipe & Supply | | YOUR ORDER NO. |
| 101 Varick Ave. | CORRECTED COPY | P 50671 D |
| Brooklyn, N. Y. 11237 | | REFERENCE |
| Attn: A. B. Wesler | | |

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|--|-----------------------------|
| 4. | 12" x .687" Wall Weld. Pipe S.S. X R/L A&P | All Material Type 316 A-358 |
| 5. | 10" x .593" Ditto | |
| 6. | 8" x .500" Ditto | |

Ref. Wire 5-2-67 on all pipe matl. meets X-ray Code Case N-7 to ASA B31 Sect.

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|-----|-----|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
| 4. | 76687 | .072 | 1.41 | .026 | .021 | .72 | 17.38 | 12.65 | 2.15 | | |
| 5. | 56682 | .043 | 1.49 | .020 | .022 | .41 | 17.57 | 12.75 | 2.27 | | |
| 6. | 56619 | .080 | 1.52 | .025 | .023 | .61 | 17.21 | 13.51 | 2.10 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|---------------|---------------|------------|-----------|------------|
| 4. | | 46,300/45,300 | 83,500/83,100 | 54/50 | | BN 148/153 |
| 5. | | 39,500 | 76,400 | 56 | | BN 135 |
| 6. | | 43,800 | 81,100 | 55 | | BN 142 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME

4-3-69

Alloy Tube & Pipe Corp.

EXHIBIT H (3 of 6 pages)

ALLOY TUBE AND PIPE CORP.

PHONE 713-WA 6-7468 WA 6-1754 • P. O. BOX 9410 • 1000 PRIO • HOUSTON, TEXAS 77001

OUR SHIPMENT NO. B 1844 DATE SHIPPED 3-31-67 DATE 4-3-69
 Albert Pipe & Supply CORRECTED COPY YOUR ORDER NO.
 101 Varick Ave. P 36573 D
 Brooklyn, N. Y. 11237 REFERENCE
 Attn: A. B. Wesler

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|-----------------------------|----------------|
| 4. | 12" x .687" Wall x 14' R/L. | Type 316 A-358 |
| 5. | 10" x .593" Wall | Type 316 A-358 |
| 6. | 8" x .500" Wall | Type 316 A-358 |

Ref. Wire 5-2-67 on all pipe matl. meets X-ray Code Case N-7 to ASA B31 Sect.

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|----|-----|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU | CO. |
| 4. | 76687 | .072 | 1.41 | .026 | .021 | .72 | 17.38 | 12.65 | 2.15 | | |
| 5. | 56682 | .043 | 1.49 | .020 | .022 | .41 | 17.57 | 12.75 | 2.27 | | |
| 6. | 56619 | .080 | 1.52 | .025 | .023 | .61 | 17.21 | 13.51 | 2.10 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
| 4. | | 46,300 | 83,500 | 54 | | BN 148 |
| | | 45,300 | 83,100 | 50 | | BN 153 |
| 5. | | 39,500 | 76,400 | 56 | | BN 135 |
| 6. | | 40,800 | 81,000 | 58 | | BN 137 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME 4-3-69

Alloy Tube & Pipe Cor

EXHIBIT

H(4 of 6 pages)

W. L. LEVINE

TEST REPORT

ALLOY TUBE AND PIPE CORP.

PHONE 713-WA 6-7488 WA 6-1764 • P. O. BOX 9429 • 1000 FRIQ • HOUSTON, TEXAS 77013

| | | |
|-------------------------|----------------------|----------------|
| OUR SHIPMENT NO. B 1856 | DATE SHIPPED 4-17-67 | DATE 4-3-69 |
| Albert Pipe & Supply | CORRECTED COPY | YOUR ORDER NO. |
| 101 Varick Ave. | | P 36873 D |
| Brooklyn, N.Y. 11237 | | REFERENCE |
| Attn: A. B. Wesler | | |

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|--|----------------|
| 5. | 10" x .593" Welded A&P Pipe x R/L S.S. | Type 316 A-358 |

Ref. Wire 5-2-67 on all pipe matl. meets X-ray Code Case N-7 to ASA B31 Sect.

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|-----|-----|
| | HEAT NO. | CARBON | MANC. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
| 5. | 56619 | .080 | 1.52 | .025 | .023 | .61 | 17.21 | 13.51 | 2.10 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
| 5. | | 40,800 | 81,000 | 58 | | BN 137 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME 4-3-69

Mary A. Leville
Alloy Tube & Pipe Corp.

EXHIBIT

14 (5 of 6 pages)

MARY A. LEVILLE
Public, in and for Harris County, Texas
Commission Expires June 1, 1969

ALLOY TUBE AND PIPE CORP.

PHONE 713-WA 6-7468 WA 6-1754 • P. O. BOX 9429 • 1000 FRIQ • HOUSTON, TEXAS 77011

OUR SHIPMENT NO. 1845
 Albert Pipe & Supply Co.
 101 Varick Ave.
 Brooklyn, New York 11237
 Attn: A. B. Wesler

DATE SHIPPED 4-17-67

DATE 4-3-69
 YOUR ORDER NO.
 P 36873 D Add 1
 REFERENCE

CORRECTED COPY

SPECIFICATIONS

| ITEM | DESCRIPTION | |
|------|---|----------------|
| 1. | 16" OD x S/80 (.843" Wall) S. S. Welded Pipe x 2' Lg. | Type 316 A-358 |

Ref. Wire 5-2-67 on all pipe matl. meets X-ray Code Case N-7 to ASA B31 Sect.

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|---------|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. CO. |
| 1. | 30975 | .043 | 1.72 | .023 | .011 | .60 | 17.75 | 12.55 | 2.65 | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDN |
|------|------------------|-----------|---------|------------|-----------|-------|
| | | 37,000 | 82,000 | 56 | 72 | 167-1 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING
 ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOW-
 LEDGE AND BELIEF.

Alloy Tube & Pipe C

SWORN AND SUBSCRIBED TO BEFORE ME 4-3-69

Mary A. Leavitt

EXHIBIT

H (6 of 6 pages)

MARY A. LEAVITT
 Notary Public, in and for Harris County, Texas
 My Commission Expires June 1, 1969

ATAPCO

TEST REPORT

ALLOY TUBE & PIPE CORPORATION

Manufacturers of Stainless Steel Pipe and Tubing

PHONE WALNUT 6-2970

P. O. BOX 9429

1015 FRID

HOUSTON, TEXAS 77011

OUR SHIPMENT NO. 1514

DATE SHIPPED 12-9-66

DATE 12-12-66

ALBERT PIPE & SUPPLY COMPANY
101 VARICK AVE.
BROOKLYN, NEW YORK 11237

YOUR ORDER NO.
2 36073 D. AND Z.

CORRECTED COPY

REFERENCE

| ITEM | ATTN: A. B. WISLER DESCRIPTION | SPECIFICATIONS |
|------|-----------------------------------|----------------|
|------|-----------------------------------|----------------|

1. 16" 8/30 (.843") S.S. 90 DEG. ELLS
2. 14" 8/30 (.750") DITTO

TYPE 316 A-203

REF. WIRE 5-2-67 ON ALL PIPE MATL. MEETS X-RAY CODE CASE N-7 TO ASA B31 SECT. 1

| ITEM | CHEMICAL ANALYSIS | HEAT NO. | CARBON | MANC. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
|------|-------------------|----------|--------|-------|-------|-----|-------|--------|--------|------|-----|-----|
| 1. | 24998 | .050 | 1.44 | .025 | .010 | .41 | 17.12 | 13.40 | 2.42 | | | |
| 2. | 22735 | .040 | 1.30 | .020 | .020 | .42 | 17.66 | 23.70 | 2.29 | | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
| 1. | | 47,300 | 85,300 | 53.0 | 65.3 | MIN 163 |
| 2. | | 40,530 | 80,020 | 56.0 | | MIN 149 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING
ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOW-
LEDGE AND BELIEF.

ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME

DECEMBER 12, 1966

EXHIBIT I

(1 of 8 pages)

J. M. Spray

ATAPCO

TEST REPORT

ALLOY TUBE & PIPE CORPORATION

Manufacturers of Stainless Steel Pipe and Tubing

PHONE WALNUT 6-2970

P. O. Box 9429

1015 FRID

HOUSTON, TEXAS 77011

OUR SHIPMENT NO. 1 1645

DATE SHIPPED 2-13-67

DATE 2-21-67

YOUR ORDER NO.

P 36873 D ADD 1

REFERENCE

ALBERT PIPE & SUPPLY CO.
101 VANICK AVE.
BROOKLYN, NEW YORK 11237

CORRECTED COPY

ATTN: A. D. WESLER
ITEM DESCRIPTION

SPECIFICATIONS

3. 16" x 10" 2/30 .843 x .593 100. REDUCERS ENDED ENDS

TYPE 316 A-103

REF. WIRE 5-2-67 ON ALL PIPE MATL. MEETS X-RAY CODE CASE N-7 TO ASA B31 SECT. 1

| ITEM | CHEMICAL ANALYSIS |
|----------|---|
| HEAT NO. | CARBON MANG. PHOS. SUL SIL CHROME NICKEL MOLY CU. CO. |

| | |
|----------|--|
| 3. 34466 | .032 1.25 .018 .005 .41 17.10 13.59 2.36 |
|----------|--|

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
|------|------------------|-----------|---------|------------|-----------|----------|

| | | | | | | |
|--|--|--------|--------|----|--|---------|
| | | 42,110 | 82,720 | 47 | | BHN 154 |
|--|--|--------|--------|----|--|---------|

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING
ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOW-
LEDGE AND BELIEF.

ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME

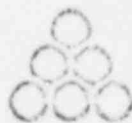
JANUARY 21, 1967

John Clements

EXHIBIT I (2 of 8 pages)

Jim Spray

TEST REPORT



alloy TUBE & PIPE CORPORATION

P. O. BOX 9429 • HOUSTON, TEXAS 77011
PHONE WA 6-2970 / AREA CODE 713

OUR SHIPMENT NO. 1513

DATE SHIPPED

3-10-67

DATE

3-16-67

YOUR ORDER NO.

2 30873 D

REFERENCE

ADDRESS PIPE & SUPPLY CO.

101 VANDERBILT AVE.

BROOKLYN, NEW YORK 11237

CONTENTS COPY

ITEM

DESCRIPTION

SPECIFICATIONS

2. 16" X .843" WALL HEAVY A&P PIPE X R/L S.S.
3. 14" OD X .750" WALL HEAVY

TYPE 316 A-312

TYPE 316 A-312

FIG. WITH 5-8-67 ON ALL FIVE TUBES. REPAIR X-RAY CODE CASE H-7 TO AREA D31 SPOT. 1

ITEM

CHEMICAL ANALYSIS

HEAT NO. CARBON MANG. PHOS. SUL SIL CHROME NICKEL MOLY CU. CO.

2. 32059 .047 1.60 .024 .024 .63 17.55 12.53 2.20

The above heat number is correct. In the event heat 32069 is marked on the material, please revise, if you feel it necessary.

3. 11547 .052 1.74 .024 .013 .54 17.75 12.57 2.62

ITEM

MECHANICAL TESTS

YIELD PSI

TENSILE

ELONGATION

REDUCTION

HARDNESS

2. 34,500 80,000 62 70 140-156

3. 36,500 80,000 66 72.5 156-163

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

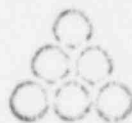
ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME

MARCH 16, 1967

EXHIBIT I (3 of 8 pages)

TEST REPORT



alloy TUBE & PIPE CORPORATION

P. O. BOX 9429 • HOUSTON, TEXAS 77011
PHONE WA 6-2970 / AREA CODE 713

OUR SHIPMENT NO.

DATE SHIPPED 3-27-67

DATE 3-21-67
YOUR ORDER NO.

ARMSTRONG PIPE & SUPPLY CO.
101 VARECK AVE.
BRICKMAN, NEW YORK 11237
ATTN: A. B. BAKER

CORRECTED COPY

P 36673 D
REFERENCE

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|--|----------------|
| 4. | 12" X .687" WALL WELD. PIPE A&P S.S. X 14" R/L | TYPE 316 A-312 |
| 5. | 10" X .593" B&B | TYPE 316 A-312 |

REF. WERE 5-2-67 ON ALL PIPE WELD. X-RAYS X-RAY CORP CASE H-7 TO ASA D31 SECT. 1

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|---------|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. CO. |
| 4. | 76687 | .072 | 1.41 | .026 | .021 | .72 | 17.30 | 12.65 | 2.15 | |
| 5. | 256682 | .043 | 1.49 | .020 | .022 | .41 | 17.57 | 12.75 | 2.27 | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|---------------|---------------|------------|-----------|------------|
| 4. | | 46,300/45,300 | 83,500/83,100 | 54/50 | | EN-248-153 |
| 5. | | 39,500 | 76,400 | 56 | | EN 135 |

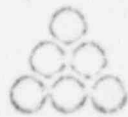
WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME MARCH 21, 1967

EXHIBIT I (4 of 8 pages)

TEST REPORT



alloy TUBE & PIPE CORPORATION

P. O. BOX 5425 • HOUSTON, TEXAS 77011
PHONE WA 6-2970 / AREA CODE 713

OUR SHIPMENT NO.

DATE SHIPPED

DATE 3-28-67
YOUR ORDER NO.

ALBERT PIPE & SUPPLY
101 VARICK AVE.
BROOKLYN, NEW YORK 11237

CERTIFIED COPY

P 36875 D
REFERENCE

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|--|-----------------------------|
| 4. | 12" X .687" WALL WELD. PIPE S.S. & R/L ASP | ALL MATERIAL TYPE 316 A-312 |
| 5. | 10" X .593" DWT | |
| 6. | 8" X .500" DWT | |

NOTE: TYPE 316-SS FOR ALL SHIPMENTS. PHONE AREA CODE 713 WA 6-2970.

| ITEM | CHEMICAL ANALYSIS | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
|------|-------------------|----------|--------|-------|-------|------|-----|--------|--------|------|-----|-----|
| 4. | 76687 | | .072 | 1.41 | .026 | .021 | .72 | 17.35 | 12.65 | 2.35 | | |
| 5. | 56682 | | .043 | 1.49 | .020 | .022 | .41 | 17.57 | 12.75 | 2.27 | | |
| 6. | 56619 | | .080 | 1.52 | .025 | .023 | .61 | 17.21 | 13.51 | 2.10 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|---------------|---------------|------------|-----------|------------|
| 4. | | 46,300/45,300 | 83,500/83,100 | 54/50 | | EH 148/153 |
| 5. | | 39,800 | 76,400 | 56 | | EH 135 |
| 6. | | 43,800 | 81,100 | 55 | | EH 142 |

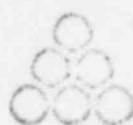
WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING TO
ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOW-
LEDGE AND BELIEF.

ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME MARCH 28, 1967

EXHIBIT I (5 of 8 pages)

TEST REPORT



alloy TUBE & PIPE CORPORATION

P. O. BOX 5429 • HOUSTON, TEXAS 77011
PHONE WA 6-2970 / AREA CODE 713

OUR SHIPMENT NO. 8 1244 ✓ DATE SHIPPED 3-31-67
ALLOY PIPE & SUPPLY
101 WARWICK AVENUE
BROOKLYN, NEW YORK 11237

QUANTITIES SHOWN

DATE 4-3-67
YOUR ORDER NO.
P-56973-3
REFERENCE

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|----------------------------|-----------------|
| 4. | 12" X 637" WALL X 14' R/L. | TYPE 316, A-312 |
| 5. | 10" X 593" WALL. | TYPE 316, A-312 |
| 6. | 8" X 500" WALL. | TYPE 316, A-312 |

SEE NOTE 1-1-67 ON ALL EXPT. MATH. TABLES FOR CORRECTION FACTOR TO ALL DATA.

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|-----|-----|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
| 4. | 76487 | .072 | 1.41 | .026 | .021 | .72 | 17.38 | 12.65 | 2.25 | | |
| 5. | 56682 | .043 | 1.49 | .020 | .022 | .41 | 17.57 | 12.75 | 2.27 | | |
| 6. | 56619 | .080 | 1.52 | .025 | .023 | .61 | 17.21 | 13.51 | 2.10 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
| 4. | | 46,300 | 83,500 | 54 | | BN 143 |
| | | 45,300 | 83,100 | 50 | | BN 153 |
| 5. | | 39,500 | 76,400 | 56 | | BN 135 |
| 6. | | 40,800 | 81,000 | 58 | | BN 137 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

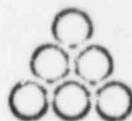
ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME APRIL 3, 1967

EXHIBIT I (6 of 8 pages)

D. M. Sorensen

TEST REPORT



alloy TUBE & PIPE CORPORATION

P. O. BOX 9429 • HOUSTON, TEXAS 77011
PHONE WA 6-2970 / AREA CODE 713

OUR SHIPMENT NO. **B 1856** ✓ DATE SHIPPED **4-17-67** DATE **4-19-67**
ALBERT PIPE AND SUPPLY YOUR ORDER NO. **P 36873 D**
101 VARICK AVE. BROOKLYN, NEW YORK 11237 COLLECTED COPY REFERENCE

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|--|----------------|
| 5 | 10" X .593" WELDED A&P PIPE X R/L S.S. | TYPE 316 A-312 |

ITEM CHEMICAL ANALYSIS

| HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. | CO. |
|----------|--------|-------|-------|------|-----|--------|--------|------|-----|-----|
| 5. 56619 | .080 | 1.52 | .025 | .023 | .61 | 17.21 | 13.61 | 2.10 | | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
| | | 40,800 | 81,000 | 58 | | EH 137 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

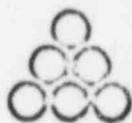
ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME APRIL 19, 1967

EXHIBIT I (7 of 8 pages)

[Handwritten signature]

TEST REPORT



alloy TUBE & PIPE CORPORATION

P. O. BOX 9429 • HOUSTON, TEXAS 77011
PHONE WA 6-2970 / AREA CODE 713

OUR SHIPMENT NO. 1845 ✓
ALBERT PIPE & SUPPLY CO.
101 VARICK AVE.
BROOKLYN, NEW YORK 11237

DATE SHIPPED 4-17-67

DATE 4-19-67
YOUR ORDER NO.
P 25873D Add 1
REFERENCE

CORROSION TEST

| ITEM | DESCRIPTION | SPECIFICATIONS |
|------|---|----------------|
| 1. | 16" OD x 5/80(.843" WALL) S.S. WELDED PIPE X 2' LG. | TYPE 316 A-312 |

RE: ORDER 6-2-67 ON ALL PIPE MATL. UNDER X-RAY SCOT CAMP H-7 TO ALA B31 SCOT. 1

| ITEM | CHEMICAL ANALYSIS | | | | | | | | | |
|------|-------------------|--------|-------|-------|------|-----|--------|--------|------|---------|
| | HEAT NO. | CARBON | MANG. | PHOS. | SUL | SIL | CHROME | NICKEL | MOLY | CU. CO. |
| 1. | 30975 | .043 | 1.72 | .023 | .011 | .60 | 17.75 | 12.55 | 2.65 | |

| ITEM | MECHANICAL TESTS | YIELD PSI | TENSILE | ELONGATION | REDUCTION | HARDNESS |
|------|------------------|-----------|---------|------------|-----------|----------|
| | | 37,000 | 82,000 | 56 | 72 | 167-170 |

WE CERTIFY THAT THE CHEMICAL ANALYSIS AND PHYSICAL TEST RESULTS APPLYING ON THE ABOVE ORDER NUMBER ARE CORRECT AND TRUE TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

ALLOY TUBE & PIPE CORPORATION

SWORN AND SUBSCRIBED TO BEFORE ME APRIL 19, 1967

EXHIBIT I (8 of 8 pages)

ALBERT

PIPE SUPPLY CO., INC.
101 VARICK AVENUE
BROOKLYN, N.Y. 11237
212 HY 7
CABLE "PIPESUPPLY"

PIPE
VALVES FITTINGS

PURCHASE ORDER

TO Sweepco Tube Corp.
1 Clifton Blvd.
PO Box 328
Clifton, N.J.
Att: Mr. Obergfall

S Tubeco, Inc.
H 123 Varick Ave.
I Brooklyn, N.Y. 11237
P
T
C

DATE 10/25/66

F.O.B. POINT delivered

TERMS 2/10/30

V36873 D

AP

SHIPPING INSTRUCTIONS
best way

DATE WANTED RUSH
14 wks. or snr.

THE ABOVE ORDER NO. MUST APPEAR ON ALL INVOICES & SHIPPING PAPERS & REFERRED TO IN CORRESPONDENCE

☐ PACK FOR EXPORT SHIPMENT
☐ SHIP IN OUR NAME

☐ PARTIAL SHIPMENT ALLOWED
☐ SHIP COMPLETE ES/SC

| QUANTITY | DESCRIPTION | PRICE |
|---|-------------|-------|
| <p style="text-align: center;">CONFIRMATION</p> <p>REF: F-23390 - 10/3/66</p> <p>TAG: ALL ITEMS JOB 609600 REQ. T-1998</p> <p>13 (5) 12" Sch. 80 (.687) wall L.R. 90 deg. weld Ells 3/17 (2) 12" Sch. 80 (.593 wall) LR. 78 deg. - 55' Ell ditto 3/17 (1) 10" Sch. 80 (.593 wall) L.R. 46 deg. - 5' Ell ditto 3/17 (1) 10" Sch. 80 (.593 wall) L.R. 30 deg. Ell ditto 3/17 (1) 10" Sch. 80 (.593 wall) S.R. 90 deg. Ell ditto 3/17 (1) 12" Sch. 80 (.687 wall) LR 60 deg. Ell ditto 3/17 (1) 12" Sch. 80 (.687 wall) L.R. 45 deg. Ells ditto 3/17 (1) 10" Sch. 80 (.593 wall) ditto 3/17 (1) 10" Sch. 80 (.593 wall) x 8" Sch. 80 (.500 wall) conc. weld reducers ditto</p> <p>NOTE: ON DIRECT SHIPMENTS TO OUR CUSTOMER PLEASE FORWARD US SHIPPING DATE AND ROUTING.</p> | | |

EXHIBIT J

SWEPKO TUBE CORPORATION

ONE CLIFTON BOULEVARD • CLIFTON, NEW JERSEY

Swepeco

PRESCOTT 8-3000

TWX NO. PAS-313

March 27, 1969

Tubeco, Inc.
123 Varick Avenue
Brooklyn, New York

Reference: Job: 609-600, Requisition T-1998, Swepeco J-9391-F

Attention: Mr. A. Green

Gentlemen:

This letter is to certify that the fittings manufactured on the above order were welded using welding procedures qualified under the provisions of Section IX of the ASME Boiler and Pressure Vessel Code, made by welders qualified under the same section. In addition the welds were x-rayed 100% in accordance with Para UW-51, Section VIII of the ASME Boiler and Pressure Vessel Code.

Very truly yours,

SWEPKO TUBE CORPORATION

Alfred Friedlander

Alfred Friedlander
Manager, Order Department

AF:dc

A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires March 24, 1974

Sworn to and subscribed before me
this 27 day of March, 1969.

John J. Hentz

EXHIBIT K

MANUFACTURERS OF *Swepeco* CORROSION RESISTANT PIPE AND TUBING

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

TO

BERGEN INDUSTRIAL COMPANY

PAGE 2 OF 6 PAGES

BR2299-164

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE,
SHIPPING MEMORANDA, INVOICES,
IN QUADRUPLED PACKAGES
AND CONTAINERS.

5/25/67

IDATE
2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|-------------------------------------|----------|--|------|----------------------|--------|-------------------|
| 315 ✓ M 315 GLOBE NOTED 11/25 | 2 | 1/2" Gate Valve, 150# ASA std, socket weld ends as per Group IV Tag No: V-19-31 V-19-32 System Desig: S-8552-12 | ea | 40.95 | 81 90 | |
| 319 | 1 | 2" Check Valve, 175# Design Pressure, socket weld ends as per Group IXa Tag No: V-12-13 System Desig: S-3182-12 | ea | 224.25 | 224 25 | |
| 320 | 1 | 1-1/2" Diaphragm Valve 175# Design Pressure, socket weld ends as per Group IXa Tag No: V-12-56 | ea | 76.38 | 76 38 | |
| 322 ✓ | 5 | 2" Diaphragm Valve, 175# Design Pressure, socket weld ends as per Group IXa Tag No: V-12-67, V-12-53, V-12-54 V-12-69, V-12-70 | ea | 99.72 | 498 60 | |
| 327 ✓ | 2 | 4" Gate Valve, 125# ASA std, flat face flanged connection as per Group V Tag No. V-6-24 V-6-25 | ea | 67.10 | 134 20 | |
| 329 ✓ | 3 | 1" Globe Valve, 150# ASA Standard, socket weld ends as per Group IV Tag No: V-6-35, V-6-36, V-6-37 System Desig: 3662-2 | ea | 26.72 | 80 16 | |
| 331 ✓ | 1 | 1" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag No. V-6-64 System Desig: 3662-2 | ea | 26.72 | 26 72 | |
| 333 ✓ | 4 | 1/2" Globe Valve, 125# ASA std, screwed ends as per Group V Tag No: V-6-74, V-6-75, V-6-76, V-6-77 | ea | 7.48 3 4 12 | 29 92 | |
| 332 ✓ | 1 | 1/2" Globe Valve, 125# ASA std, screwed ends as per Group V Tag No: V-6-173 | ea | 7.48 | 7 48 | |
| 337 ✓ | 1 | 1-1/2" Globe Valve, 125# ASA std, screwed ends as per Group V Tag No: V-6-166 | ea | 22.77 | 22 77 | |

EXHIBIT CONTINUED NEXT PAGE

L-1 (2 of 9 pages)

18-2
16

PURCHASE ORDER

BURNS AND ROE

ORADELL, NEW JERSEY 07649

TO

BERGEN INDUSTRIAL COMPANY

PAGE 3 OF 6 PAGES

BR2299-164

(PURCHASE ORDER #)

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AND CONTAINERS.

5/25/67

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|--|------|---------------|--------|-------------------|
| 338 ✓ | 1 | 1-1/2" Check Valve, 125# ASA std screwed ends as per Group V Tag No: V-6-167 | ea | 12.32 | 12 32 | |
| 340 ✓ | 1 | 2" Gate Valve, 125# ASA std, screwed ends as per Group V Tag No: V-6-174 | ea | 18.15 | 18 15 | |
| 341 ✓ | 1 | 3/4" Globe Valve, 125# ASA std, screwed ends as per Group V | ea | 10.23 | 10 23 | |
| 342 | 1 | 1-1/2" Gate Valve, 125# ASA std, screwed ends as per Group V | ea | 12.54 | 12 54 | |
| 343 ✓ | 4 | 1" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag Nos: V-6-176, V-6-177, V-6-178 V-6-179 | ea | 26.72 | 106 88 | |
| 345 ✓ | 1 | System Desig: 3662-2 1" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag No: V-6-181 | ea | 26.72 | 26 72 | |
| 346 ✓ | 1 | System Desig: 3662-2 3/4" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag No: V-6-182 | ea | 22.10 | 22 10 | |
| 352 ✓ | 2 | System Desig: 3662-2 3/4" Gate Valve, 900# ASA std, socket weld ends as per Group I Tag No: V-31-3 V-31-4 | ea | 71.30 | 142 60 | |
| 354 ✓ | 2 | System Desig: 31552-7 2" Check Valve 150# ASA std, socket weld ends as per Group IV Tag No: V-7-7 V-7-36 | ea | 67.93 | 135 86 | |
| 355 ✓ | 2 | System Desig: 3682-2 2" Gate Valve, 150# ASA std, socket weld ends as per Group IV Tag NO: V-7-8 V-7-37 System Desig: 596-2 | ea | 35.42 | 70 84 | |

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EXHIBIT L-1 (3 of 9 pages)

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

TO

BERGEN INDUSTRIAL COMPANY

PAGE 4 OF 6 PAGES

BR2299-164

(PURCHASE ORDER #)

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AND CONTAINERS.

5/25/67

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOU NUMBER |
|--------------------|----------|--|------|---------------|--------|-----------------|
| 356 ✓ | 2 | 1-1/2" Gate Valve, 300# ASA std, socket weld ends as per Group III Tag No: V-7-29 V-7-35 System Desig: 596-2 | ea | 29.25 | 58 | 50 |
| 358 | 1 | 4" Spring Loaded Check Valve, 150# ASA std Butt weld ends as per Group VIb Tag No: V-9-3 | ea | 91.56 | 91 | 56 |
| 361 ✓ | 1 | 1" Globe Valve, 150 ASA std, socket weld ends as per Group IV Tag NO: V-9-11 System Desig: 3662-2 | ea | 26.72 | 26 | 72 |
| 362 | 1 | 3" Spring Loaded Check Valve, 150# ASA std, Butt Weld ends as per Group VIb Tag No: V-9-19 | ea | 79.38 | 79 | 38 |
| 363 - | 1 | 3" Gate Valve, 150# ASA std, Butt weld ends as per Group IV Tag No: V-9-20 System Desig: 150-3 WE | ea | 132.75 | 132 | 75 |
| 364 ✓ | 1 | 2-1/2" Check Valve, 150# ASA std, Butt weld ends as per Group IV Tag No: V-10-17 System Design: 1803-WE | ea | 107.25 | 107 | 25 |
| 365 | 1 | 2-1/2" Gate Valve, 150# ASA std, Butt weld ends as per Group IV Tag No: V-10-34 | ea | 122.25 | 122 | 25 |
| 366 ✓ | 4 | 1" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag No: V-10-36, V-10-37 V-10-38, V-10-39 System Desig: 3662-2 | ea | 26.72 | 106 | 88 |
| 367 ✓ | 3 | 1" Gate Valve, 150# ASA std, socket weld ends as per Group IV Tag Nos: V-10-40, V-10-41 V-10-47 | ea | 17.55 | 52 | 65 |
| 368 - ✓ | 2 | System Desig: 596-2 2" Gate Valve 150# ASA std, socket weld ends as per Group IV Tag Nos: V-10-42, V-10-43 System Desig: 596-2 | ea | 35.42 | 70 | 84 |

CONTINUED NEXT PAGE

EXHIBIT L-1 (4 of 9 pages)

PURCHASE ORDER

BURNS AND ROE

ORADELL, NEW JERSEY 07649

TO

BERGEN INDUSTRIAL COMPANY

PAGE 5 OF 6 PAGES

BR2299-164

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
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AND CONTAINERS.

5/25/67

(DATE) 2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|----------------------------|--|--|------|---------------|---------|-------------------|
| 369* | 1 | 1" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag No: V-10-45 System Desig: 3662-2 | ea | 26.72 | 26 72 | |
| 370* | 1 | 1-1/2" Gate Valve, 150# ASA std, socket weld ends as per Group IV Tag No: V-10-46 System Desig: 596-2 | ea | 29.25 | 29 25 | |
| 371 | 1 | 1" Gate Valve, 125# ASA std, screwed ends as per Group V Tag No: V-10-48 | ea | 7.15 | 7 15 | |
| 375- | 6 | 1/2" Globe Valve, 150# ASA std, socket weld ends as per Group IV Tag Nos: V-10-61, V-10-62, V-10-67 V-10-68, V-10-69, V-10-70 System Desig: 3662-2 | ea | 18.53 | 11 18 | |
| TOTAL ORDER PRICE. | | | | | \$3,664 | 23 |
| FOB: | Warehouse, East Patterson, New Jersey | | | | | |
| SHIPPING CHARGES: | Prepay truck charges to job site and add to your invoice as a separate item or invoice separately. Kindly attach copy of Freight Bill to your invoice. | | | | | |
| DELIVERY: | Item 320, Item 322. May 26, 1967 Balance. At job site, items shipped per your Mr. Joe Cal May 24, 1967 | | | | | |
| DRAWINGS: | Kindly furnish within two(2) weeks five (5) copies of drawings for our approval. Drawing must show item number and tag number of each valve and must be for the valve size and valve rating of the item only, reference to other sizes and rating must be blocked out. After our approval, eighteen (18) copies shall be furnished for our distribution. Drawings should be addressed to the attention of our MR. J. W. RIDDINGTON. | | | | | |
| INSTRUCTION MANUALS: | Kindly furnish thirty-five (35) copies of Operations and Maintenance Instructions for each valve furnished. | | | | | |

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07640

TO

BERGEN INDUSTRIAL COMPANY

PAGE 6 OF 6 PAGES

BR2299-164

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
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(IN QUADRUPPLICATE) PACKAGES
AND CONTAINERS.

5/25/67

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|---|------|---------------|--------|-------------------|
| SPARE PARTS: | | Kindly furnish your quotation covering one(1) year of operational spare parts for the valves furnished on this order. | | | | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF THIS ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

EXHIBIT L-1

BURNS AND ROE

BY

(PURCHASING AGENT)

J. Perabaker
(6 of 9 pages)

Weldon/pb

CHANGE ORDER

(THIS IS NOT A PURCHASE ORDER BUT IS YOUR AUTHORITY TO MODIFY,
CHANGE, CANCEL, OR CORRECT THE ORIGINAL PURCHASE ORDER.)

BURNS AND ROE

700 Kinderkamack Road
Oradell, New Jersey

1

(CHANGE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE,
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(IN QUADRUPPLICATE) PACKAGES
AND CONTAINERS.

October 9, 1937

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

(SHIP VIA)

(P.O.B.)

(SHIPPING DATE)

(YOUR QUOTATION #)

(DATE)

(TERMS)

NOTICE

THIS CHANGE ORDER
AUTHORIZES CHANGES
ON PURCHASE ORDER #
BR-2299-164BERGEN INDUSTRIAL COMPANY
14 Stefanic Avenue
TO East Patterson, New JerseyAtt: Mrs. M. Hilla
Tel: 201-796-2600

SHIP TO Burns and Roe, Inc., c/o Jersey Central Power & Light Co.

Forked River, Oyster Creek, New Jersey Att: Mr. Clayton

MAIL INVOICE IN
QUADRUPPLICATE TO As Above

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|--|------|---------------|----------|-------------------|
| | | This change order is issued to cover the following: | | | | |
| | | Delete the following items from original purchase order: | | | | |
| 319 | | 2" Check valve | ea. | 224.25 | 224 25 | |
| 320 | | 1-1/2" Diaphragm Valve | ea. | 76.38 | 76 38 | |
| 331 | | 1" Globe valve | ea. | 26.72 | 26 72 | |
| 333 | | 1/2" Globe valve | ea. | 22.77 | 22 77 | |
| 341 | | 3/4" Globe valve | ea. | 10.23 | 10 23 | |
| | | Total deduction this change order | | | 360 35 | |
| | | Also change description and unit price of Item 315 on original order as follows: | | | | |
| | | Description--1/2" Gate Valves SW Group IV | | | | |
| | | Unit price from \$40.95 to \$53.25 each | | | | |
| | | an addition of \$12.30 each or \$24.60 | | | | |
| | | PREVIOUS TOTAL | | | 3,664 23 | |
| | | Deduction this change order | | | 360 35 | |
| | | Addition this change order | | | 24 60 | |
| | | Revised total | | | 3,328 48 | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF ASSOCIATED PURCHASE ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF CHANGE ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

BURNS AND ROE

BY *H. F. Shreve*
(7 of 9 pages)
PURCHASING AGENT

EXHIBIT L-1

CHANGE ORDER

(THIS IS NOT A PURCHASE ORDER BUT IS YOUR AUTHORITY TO MODIFY, CHANGE, CANCEL, OR CORRECT THE ORIGINAL PURCHASE ORDER.)

BURNS AND ROE
700 Kinderkamack Road
Oradell, New Jersey

BERGEN INDUSTRIAL COMPANY
14 Stefanic Avenue
Paterson, New Jersey

Att: Mrs. M. Hilla
Tel: 201-796-2600

NOTICE
THIS CHANGE ORDER
AUTHORIZES CHANGES
ON PURCHASE ORDER #
BR-2299-164

Waldon/ph

2

(CHANGE ORDER #)

IMPORTANT: THIS NUMBER MUST
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(IN QUADRUPLET) PACKAGES
AND CONTAINERS.

October 18, 1967

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

(SHIP VIA)

(F.O.B.)

(SHIPPING DATE)

(YOUR QUOTATION #)

(DATE)

(TERMS)

SHIP TO Burns and Roe, Inc., c/o Jersey Central Power & Light Co.

Forked River, Oyster Creek, New Jersey Att: Mr. Clayton

MAIL INVOICE IN
QUADRUPPLICATE TO As Above

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|--|------|---------------|----------|-------------------|
| | | This change order is issued to cover the following: | | | | |
| | | Delete change order one in its entirety. The following changes will also apply. | | | | |
| 319 | | Delete from original order | | | 224 25 | |
| 320 | | Delete from original order | | | 76 38 | |
| 315 | | Delete from original order | | | + 81 90 | |
| 315 | 2 | 1/2" Globe Valve SW Group IV | ea. | 53.25 | 106 50 | |
| | | Total addition this change order | | | 106 50 | |
| | | Previous Purchase Order Total | | | 3,664 23 | |
| | | Total deduction this change order | | | 382 53 | |
| | | Revised Total | | | 3,388 20 | |
| | | All other terms and conditions remain the same. | | | | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF ASSOCIATED PURCHASE ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF CHANGE ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

BURNS AND ROE

EXHIBIT

H. F. Stevenson
PURCHASING AGENT
L-1 (8 of 9 pages)

CHANGE ORDER

(THIS IS NOT A PURCHASE ORDER BUT IS YOUR AUTHORITY TO MODIFY, CHANGE, CANCEL, OR CORRECT THE ORIGINAL PURCHASE ORDER.)

BURNS AND ROE

700 KINDERKAMACK ROAD
ORADELL, NEW JERSEY 07649

TO

Bergen Industrial Co.
14 Stefanie Avenue
Paterson, N. J.

Att: Mrs. M. Hilla

NOTICE
THIS CHANGE ORDER
AUTHORIZES CHANGES
ON PURCHASE ORDER #
BR-2299-164

| |
|--|
| 3 |
| (CHANGE ORDER #) |
| IMPORTANT: THIS NUMBER MUST APPEAR ON ALL CORRESPONDENCE, SHIPPING MEMORANDA, INVOICES, IN QUADRUPLES PACKAGES AND CONTAINERS. |
| Nov. 8, 1967 |
| (DATE) |
| 2299-45 |
| (REQUISITION #) (WORK ORDER #) |
| (SHIP VIA) |
| (F.O.B.) |
| (SHIPPING DATE) |
| (YOUR QUOTATION #) |
| (DATE) (TERMS) |

SHIP TO Burns and Roe, Inc. c/o Jersey Central Power & Light Co.

Forked River, Oyster Creek, New Jersey Att: Mr. Clayton

MAIL INVOICE IN
QUADRUPPLICATE TO As Above

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|--|------|---------------|------------|-------------------|
| | | This Change Order issued to cover the Following Changes: | | | | |
| 358 | 1 | Check Valve Delete | ea | \$91.56 | \$91.56 | |
| 362 | 1 | Check Valve Delete | ea | 79.38 | 79.38 | |
| | | TOTAL Deletion this Change | | | \$170.94 | |
| 315 | | Add this item again as it was previously deleted on C. O. #2. Original P. O. item 315 remains as is. | | | 81.90 | |
| | | TOTAL Deduction this Change | | | 89.04 | |
| | | PREVIOUS TOTAL | | | \$3,388.20 | |
| | | REVISED TOTAL | | | \$3,299.16 | |
| | | All other terms and conditions remain the same. | | | | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF ASSOCIATED PURCHASE ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF CHANGE ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

BURNS AND ROE

BY *H. F. Sherrill*
PURCHASING AGENT
EXHIBIT L-1 (9 of 9 pages)

PURCHASE ORDER

BURNS AND ROE

ORADELL, NEW JERSEY 07649

BR=2299-177

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
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(IN QUADRUPLET) PACKAGES
AND CONTAINERS.

6/8/67

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

Truck

(SHIP VIA)

E. Paterson, N.J.

Shipping Complete

June 2, 1967

(SHIPPING DATE)

2% 10 days Net 30

(TERMS)

PAGE 1 OF 3 PAGES

BERGEN INDUSTRIAL COMPANY
14 Stefanic Ave.
East Paterson, New Jersey

Attention: Mr. M. Hilla

Telephone: 201-796-2600

SHIP TO BURNS AND ROE, INC., C/O Jersey Central Power & Light Co., Forked River,

Oyster Creek, New Jersey Attention: Mr. K. E. Clayton

As above

MAIL INVOICE IN
QUADRUPPLICATE TO 700 HINDERKAMACK ROAD, ORADELL, NEW JERSEY 07649

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|---|------|---------------|-----------|-------------------|
| | | CONFIRMING VERBAL ORDER 5/29/67 DO NOT DUPLICATE | | | | |
| | | Miscellaneous Valves per Specification No. S-2299-61, a copy of which is in your possession | | | | |
| 391 | 13 | 2" Gate Valves, socket weld ends, Group IV | | | | |
| | | TAG NO. SYSTEM DESIG | ea | \$109.00 | \$1417 00 | |
| | | V-22-147, V-22-149 NV-27 | | | | |
| | | V-22-153 NV-5 | | | | |
| | | V-22-167, V-22-169 NV-8 | | | | |
| | | V-22-285, V-22-286 | | | | |
| | | V-22-172, V-22-174, SD-1 | | | | |
| | | V-22-176, V-22-178 | | | | |
| | | V-22-180, V-22-182 | | | | |
| 392 | 1 | 1-1/2" Gate Valve, socket weld ends, Group Xid | ea | 220.00 | 220 00 | |
| | | TAG NO. SYSTEM DESIG | | | | |
| | | V-22-218 NV-2 | | | | |
| 393 | 4 | 3/4" Gate Valves, socket weld ends, Group No. III | ea | 44.00 | 176 00 | |
| | | TAG NO. SYSTEM DESIG | | | | |
| | | V-20-56 V-20-57, NZ-2 | | | | |
| | | V-20-58, V-20-59 | | | | |
| -394 | 6 | 2" Globe Valves, socket weld ends, Group IV with provision for "Lock Closed" | ea | 490.00 | 2940 00 | |
| | | TAG NO. SYSTEM DESIG | | | | |
| | | V-6-133, V-6-134, SA-2(NQ-2) | | | | |
| | | V-6-135, V-6-137, V-6-138 | | | | |

EXHIBIT L-2 (1 of 4 pages)

CONTINUED NEXT PAGE

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

TO

PAGE 2 OF 3 PAGES

BERGEN INDUSTRIAL COMPANY

BR2299-177

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
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6/8/67

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCO NUMB |
|--------------------|----------|--|------|---------------|---------|--------------|
| 395 | 2 | 1" Globe Valves, socket welds, Group XId TAG NO. SYSTEM DESIG V-22-215, V-22-216 NV-1 | ea | \$322.50 | 645 00 | |
| 396 | 1 | 1/2" Globe Valve, socket weld ends, TAG NO. SYSTEM DESIG Group XId V-22-209 NV-13 | ea | 107.80 | 107 80 | |
| 397 | 14 | 2" Check Valves, socket weld ends, Group IV TAG NO. SYSTEM DESIG V-22-141, V-22-144 SD-1 V-22-171, V-22-177 V-22-173, V-22-175 V-22-177, V-22-179 V-22-181 V-22-146, V-22-148 NV-27 V-22-166, V-22-168 NV-8 V-22-170, V-22-189 | ea | 210.00 | 2940 00 | |
| 398 | 1 | 1-1/2" Check Valve, socket weld ends TAG NO. SYSTEM DESIG Group XId V-22-217 NV-2 | ea | 284.00 | 284. 00 | |
| 399 | 4 | 2" Gate Valve, socket weld ends, Group No. XId TAG NO. SYSTEM DESIG V-22-3, V-22-4 Drywell Eq. Drain Lines V-22-11, V-22-12 | ea | 374.80 | 1499 20 | |
| 400 | 4 | 1/2" Diaph-Gate Valve, socket weld ends, Group IXa TAG NO. SYSTEM DESIG V-12-36, V-12-37 WD-2 V-12-42, V-12-43 | ea | 73.60 | 294 40 | |
| 403 | 3 | 2" Diaphragm Valves, screwed ends, Group IXc TAG: Service Box-Demin Water SYSTEM DESIG: WD-3 | ea | 151.00 | 453 00 | |
| 404 | 8 | 3/4" Diaphragm Valves, screwed ends, Group IXc TAG: Service Box-Demin Water SYSTEM DESIG: WD-3 | ea | 62.10 | 496 80 | |

EXHIBIT L-2 (2 of 4 pages)

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

TO

BERGEN INDUSTRIAL COMPANY

PAGE 3 OF 3 PAGES

BR-2299-177

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE,
SHIPPING MEMORANDA, INVOICES,
(IN QUADRUPLET) PACKAGES
AND CONTAINERS.

6/8/67

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|---|----------|---|------|---------------|-------------|-------------------|
| 405 | 20 | 3/4" Gate Valves, screwed ends, Group IV TAG: Service Box-Service Air SYSTEM DESIG: SA-2 | ea. | 44.00 | 880 00 | |
| 406 | 50 | 3/4" Globe Valves, Socket weld ends, TAG:NO. SA-2 Group IV SYSTEM DESIG: SA-2 | ea. | 166.40 | 8,320 00 | |
| 407 | 6 | 3" Diaphragm Valves, screwed ends, Group IXc TAG: Service Box CH-7 SYSTEM DESIG: CH-7 | ea. | 548.30 | 3,289 80 | |
| 408 | 3 | 1-1/2" Diaphragm Valves, screwed ends TAG: Service Box CH-7 SYSTEM DESIG: CH-7 | ea. | 112.10 | 336 30 | |
| 409 | 8 | 3/4" Diaphragm Valves, screwed ends Group IXc TAG: Service Box CH-7 SYSTEM DESIG: CH-7 | ea. | 62.10 | 496 80 | |
| TOTAL ORDER PRICE. | | | | | \$24,796 10 | |
| <p><u>FOB:</u> Warehouse, East Patterson, New Jersey</p> <p><u>SHIPPING CHARGES:</u> Prepay truck charges to job site and add to your invoice as a separate item or invoice separately. Kindly attach copy of Freight Bill to your invoice.</p> <p><u>DRAWINGS:</u> Kindly furnish within two (2) weeks five (5) copies of drawings for our approval. Drawing must show item number and tag number of each valve and must be for the valve size and valve rating of the item only, reference to other sizes and rating must be blocked out. After our approval, eighteen (18) copies shall be furnished for our distribution. Drawings should be addressed to the attention of our Mr. J. W. RIDDINGTON.</p> <p><u>INSTRUCTION MANUALS:</u> Kindly furnish thirty-five (35) copies of Operations and Maintenance Instructions for each valve furnished.</p> <p><u>SPARE PARTS:</u> Kindly furnish your quotation covering one (1) year of operational spare parts for the valves furnished on this order.</p> | | | | | | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF THIS ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

BURNS AND ROE

BY

L. J. Persbacher
(PURCHASING AGENT)

EXHIBIT L-2 (3 of 4 pages)

CHANGE ORDER

(THIS IS NOT A PURCHASE ORDER. IT IS YOUR AUTHORITY TO MODIFY, CHANGE, CANCEL, OR CORRECT THE ORIGINAL PURCHASE ORDER.)

BURNS AND ROE

700 Kinderkamack Road
Oradell, New Jersey

McCarthy/pb

1

(CHANGE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE,
SHIPPING MEMORANDA, INVOICES,
(IN QUADRUPLICATE) PACKAGES
AND CONTAINERS.

July 17, 1967

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

(SHIP VIA)

(P.O.B.)

(SHIPPING DATE)

(YOUR QUOTATION #)

(DATE)

(TERMS)

NOTICE
THIS CHANGE ORDER
AUTHORIZES CHANGES
ON PURCHASE ORDER #
BR-2299-177

Bergen Industrial Co.
14 Stefanic Avenue
East Paterson, New Jersey

Att: Mr. M. Hills

SHIP TO

MAIL INVOICE IN
QUADRUPLICATE TO

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|---|------|---------------|--------|-------------------|
| | | This change order is issued to cover the following on Page 2 of 3 pages of the original purchase order. | | | | |
| | | Item #397 14 2" Check Valves Socket Weld Ends, Group IV | | | | |
| | | Cancel (1) tag #V-22-177 no money involved, since the number appeared twice on original order. | | | | |
| | | Change the remaining tag #V-22-177 to tag #V-22-117, again no value involved. | | | | |
| | | All other conditions remain the same. | | | | |
| | | FOR RECORD PURPOSES ONLY. HAS ALREADY BEEN SHIPPED. | | | | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF ASSOCIATED PURCHASE ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF CHANGE ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

BURNS AND ROE

BY

PURCHASING AGENT

EXHIBIT 4-2

(4 of 4 pages)

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

McCarthy/pb

BR-2299-304

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE,
SHIPPING MEMORANDA, INVOICES,
(IN QUADRUPPLICATE) PACKAGES
AND CONTAINERS.

July 17, 1967

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

Own Truck

(SHIP VIA)

Paterson, N.J.

(F.O.B.)

one week

(SHIPPING DATE)

2%/10 Net 30days

(TERMS)

Page 1 of 2

TO Bergen Industrial Supply Co., Inc.
14 Stefanic Avenue
East Paterson, New Jersey

Att: Jpe Cal

SHIP TO Burns and Roe, Inc., c/o Jersey Central Power & Light Co.

Forked River, Oyster Creek, New Jersey Att: Mr. Clayton

MAIL INVOICE IN QUADRUPPLICATE TO ~~FOR DISBURSEMENT OF FUNDS~~ AS ABOVE

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|---|------|---------------|----------|-------------------|
| | | This purchase order is issued to to cover the following: | | | | |
| | | <u>Specification S-2299-55</u> | | | | |
| 161 | 4 | 1" Gate valve SW ends Group V | ea. | 13.00 | 52 00 | |
| 162 | 2 | 1/2 SW-3 V-3-147, -148 Globe end con- nections S Group V | ea. | 52.00 | 104 00 | |
| | | <u>Specification S-2299-61</u> | | | | |
| 419 | 8 | 1" Globe valves SW ends Group XI a | ea. | 115.60 | 924 80 | |
| 418 | 10 | 1" ditto | ea. | 115.60 | 1,156 00 | |
| 321 | 1 | 4" butterfly valve FF | ea. | 58.00 | 58 00 | |
| 416 | 1 | 2" Globe valve SW ends Group IV | ea. | 294.00 | 294 00 | |
| 420 | 2 | 3/4 MS V-1-135, 136 Glove valve SW Group # 1 | ea. | 62.20 | 124 40 | |
| 421 | 2 | 1/2 Globe valves SW Group #10 | | | | |
| | | Mark V 24 - 27 - 28 | ea. | 52.00 | 104 00 | |
| 422 | 1 | 2 1/2" DO V 36 1 Gate valve BW ends Group IV | ea. | 176.10 | 176 10 | |
| 423 | 1 | 2 1/2 DO V-36-2 Check valve BW ends Group IV | ea. | 183.75 | 183 75 | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF THIS ORDER.

IMPORTANT

EXHIBIT L-3 (1 of 3 pages)

ACKNOWLEDGE RECEIPT OF ORDER.

NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED

[Signature]
PURCHASING AGENT

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

BR-2299-304

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE,
SHIPPING MEMORANDA, INVOICES,
(IN QUADRUPPLICATE) PACKAGES
AND CONTAINERS.

July 17, 1967

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

(SHIP VIA)

(P.O.B.)

(SHIPPING DATE)

(TERMS)

Bergen Industrial Supply Co., Inc.

TO

SHIP TO

MAIL INVOICE IN
QUADRUPPLICATE TO 700 KINDERKAMACK ROAD, ORADELL, NEW JERSEY 07649

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|--|------|---------------|-----------|-------------------|
| 276 | 6 | 10" Check valves tag Group III | ea. | 1096.00 | 6,576 00 | |
| 426 | 10 | 3/4" V-25-24, 25, 26, 27, 28, 29, 30, 31, 32, 33 Globe SW Group X | ea. | 115.60 | 1,156 00 | |
| | | Total | | | 10,909 05 | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF THIS ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED

EXHIBIT L-3 (2 of 3 pages)

BY

(PURCHASING AGENT)

CHANGE ORDER

(THIS IS NOT A PURCHASE ORDER BUT IS YOUR AUTHORITY TO MODIFY, CHANGE, CANCEL, OR CORRECT THE ORIGINAL PURCHASE ORDER.)

BURNS AND ROE
700 Kinderkamack Road
Oradell, New Jersey

BERGEN INDUSTRIAL SUPPLY CO.
14 Stefonic Avenue
East Paterson, New Jersey

Att: Mrs. M. Hilla

NOTICE
THIS CHANGE ORDER
AUTHORIZES CHANGES
ON PURCHASE ORDER #
2299-304

McCarthy/pb

| | |
|---|----------------|
| 1 | |
| (CHANGE ORDER #) | |
| IMPORTANT: THIS NUMBER MUST APPEAR ON ALL CORRESPONDENCE, SHIPPING MEMORANDA, INVOICES, (IN QUADRUPPLICATE) PACKAGES AND CONTAINERS | |
| August 15, 1967 | |
| (DATE) | |
| 2299-45 | |
| (REQUISITION #) | (WORK ORDER #) |
| Parcel Post | |
| (SHIP VIA) | |
| Paterson, N. J. | |
| (F.O.B.) | |
| August 17, 1967 | |
| (SHIPPING DATE) | |
| (YOUR QUOTATION #) | |
| 2%/10 Net 30days | |
| (DATE) | (TERMS) |

SHIP TO Burns and Roe, Inc. c/o Jersey Central Power & Light Company

Forked River, Oyster Creek, New Jersey, Att: Mr. Clayton

MAIL INVOICE IN
QUADRUPPLICATE TO

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCOUNT NUMBER |
|--------------------|----------|---|------|---------------|-------------|-------------------|
| | | <u>CONFIRMING ORDER</u> | | | | |
| | | <u>DO NOT DUPLICATE</u> | | | | |
| | | This amendment is issued to include the following | | | | |
| 427 | 2 | 1" Globe Valves System design CA Mark Number V-6-16-17 End Connection S Group V Specification S-2299-61 | ea | \$25.16 | \$50 32 | |
| | | TOTAL THIS CHANGE | | | \$50 32 | |
| | | PREVIOUS TOTAL | | | \$10,909 05 | |
| | | REVISED TOTAL | | | \$10,959 37 | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF ASSOCIATED PURCHASE ORDER.

IMPORTANT

ACKNOWLEDGE RECEIPT OF CHANGE ORDER.
NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED.

EXHIBIT L-3
BURNS AND ROE

(3 of 3 pages)

BY

L. J. Persbacher
PURCHASING AGENT

McCarthy/jlg

PURCHASE ORDER

BURNS AND ROE
ORADELL, NEW JERSEY 07649

BR-2299-338

(PURCHASE ORDER #)

IMPORTANT: THIS NUMBER MUST
APPEAR ON ALL CORRESPONDENCE
SHIPPING MEMORANDA, INVOICES
(IN QUADRUPLES) PACKAGE
AND CONTAINERS.

August 29, 1967

(DATE)

2299-45

(REQUISITION #) (WORK ORDER #)

Motor Freight

(SHIP VIA)

Paterson, N. J.

(F.O.B.)

See Below

(Shipping Date)

2%/10 Net. 30 day

TERMS

TO Bergen Industrial Company
14 Stefanic Avenue
East Paterson, New Jersey

SHIP TO Burns and Roe, Inc., c/o Jersey Central Power & Light Co.

Forked River, Oyster Creek, New Jersey Att: Mr. Clayton

E> MAIL INVOICE IN
QUADRUPPLICATE TO XXXXXXXXXXXXXXXXXXXXXXXX NEW JERSEY XXXXXXX AS ABOVE

| ITEM OR CODE | QUANTITY | DESCRIPTION | UNIT | UNIT PRICE | AMOUNT | ACCO NUM |
|--------------------|----------|---|------|---------------|--------|-------------|
| | | CONFIRMING ORDER - DO NOT DUPLICATE Standard Valves Specification S-2299-61 | | | | |
| | | This purchase order is issued to cover the following: | | | | |
| 429 | 4 | Crane Fig. 33 $\frac{1}{2}$ XR | ea. | 513.40 | 2,053 | 60 |
| 430 | 2 | Crane Fig. 3605XU One (1) week delivery | ea. | 18.90 | 37 | 80 |
| | | Total | | | 2,091 | 40 |
| | | LOCATION: Fire Tie To Core Spray System. | | | | |

THE ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS, CONDITIONS, AND INSTRUCTIONS
PRINTED ON THE FACE AND REVERSE OF THIS ORDER.

IMPORTANT

EXHIBIT L-114

ACKNOWLEDGE RECEIPT OF ORDER.

NOTIFY IF UNABLE TO MAKE SHIPMENT AS SPECIFIED

82

(PURCHASING AGENT)

D N Kugg