



FOSTER WHEELER ENERGY CORPORATION

110 SOUTH ORANGE AVENUE - LIVINGSTON, NEW JERSEY 07033 - PHONE 201-344-1100

Date: 7/11/78
Letter No.: 937
File No.: 4.1

Attention: Mr. R. A. Linde
Project Manager

F.W.E.C Contract 15-1770

Subject: Inspection Documents

Gentlemen:

In accordance with the coordination procedure for the subject contract, we are enclosing three (3) copies of the Manufacturer's Data Reports, Mill Test Certificates, Nameplate Rubbings and/or pertinent data concerning the following items:

F.W.P.O.//

ITEM

PP56-115-1776

C-204

Very truly yours
FOSTER WHEELER ENERGY CORPORATION

C. Lambert
C. Lambert
Project Manager

MEM/al

DATE: 7-12-78

Handwritten initials

Handwritten initials

Handwritten signature

MANUFACTURERS DATA REPORT FOR PRESSURE VESSELS
 (Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured by TEXAS MANUFACTURING COMPANY WHITESBORO, TEXAS
 2. Manufactured for Vibration And Noise Engineering Corp., Dallas, Texas P.O. No. 4038-7318
 3. Location of Installation _____
 4. Type Horiz. 7722 N/A 621-24-304 8008 (Year Built) 1978
(Horiz. or Vert. Tank) (Mfg's Serial No.) (CRN) (Drawing No.) (NAT'l Bldg. No.)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1977 and Addenda to 12-31-77 and Code Case Nos. _____
(Year) (Date)

Special Service per UG-120(d) NOT FOR LETHAL OR NUCLEAR SERVICE

Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A

6. Shell: Matl. SA-516 Gr. 70 Nom. Thk. 1/2 in. Corr. Allow. 1/8 in. Diam. 2 ft. 0 in. Length 4 ft 9 1/2 in.
(Spec. No., Grade) (Name of part, item number, Mfg's name and identifying stamp)

7. Seams: Long. Welded - Dbl. Butt R.T. RT3 Efficiency 85 % H.T. Temp. N/A F Time N/A hr.
(Welded, Dbl., Sngl., Lap, Butt) (Spot or Full)
 Girth Welded - Single Butt R.T. RT3 No. of Courses 1
(Welded, Dbl., Sngl., Lap, Butt) (Spot, Partial, or Full)

8. Heads: (a) Material SA-516 Gr. 70 (b) Material _____
(Spec. No., Grade) (Spec. No., Grade)

Location (Top Bottom Ends)	Min Thk	Corr Allow	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemishp Radius	Flat Diam	Side to Pressure (Convex or Concave)
Ends	.580"	.125"			2:1				Concave

If removable, bolts used (describe other fastenings) N/A
(Material, Spec. No., Gr., Size, No.)

9. Constructed for max. allowable working pressure 470 psi at max. temp. 350 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 705 psi.

10. Safety Valve Outlets: Number N/A Size _____ Location _____

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No	Diam or Size	Type	Matl	Nom Thk	Reinforcement Matl	How Attached	Location
Inlet	1	4"	300#SO/F	SA-181-1/106-B	.438"	1/4" SA-516-70	Welded	Head
Outlet	1	4"	300#SO/F	SA-181-1/106-B	.438"	1/4" SA-516-70	Welded	Shell
Insp.	2	2"	Cplg.	SA-105	6000#		Welded	Shell
Drain	2	1"	S.W.Cplg.	SA-105	6000#		Welded	Shell
Test	3	3/4"	Cplg.	SA-105	6000#		Welded	Nozzles

12. Supports: Skirt No Lugs None Legs None Other 1 Plate Support Attached Shell - Welded
(Yes or No) (No) (No) (Describe) (Where and how)

13. Remarks: FIRST STAGE SUCTION PULSE QUIETER
WORTHINGTON NO. HG-42635/Item No. C-204 (2-077-13)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.

Date 5-31-78 Signed TEXAS MANUFACTURING COMPANY by Betty Baker
(Manufacturer) (Representative)

"U" Certificate of Authorization No. 5724 expires FEBRUARY 28, 1979

CERTIFICATE OF SHOP INSPECTION

Vessel made by TEXAS MANUFACTURING COMPANY at WHITESBORO, TEXAS

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by EMPLOYERS CASUALTY have inspected the pressure vessel described in this Manufacturers' Data Report on May 31, 1978, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied concerning the pressure vessel described in the Manufacturers' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Signed [Signature] Date 5-31-1978 Commissions 7713
(Inspector) (NAT'l Board)

NATL. BOARD SER. NO. 8008



VIBRATION AND NOISE ENGINEERING CORPORATION

DALLAS TEXAS

MADE IN U.S.A.

PART NUMBER 621-24-304

MFG. BY TEXAS MFG. CO.

MAXIMUM ALLOWABLE WORKING PRESSURE P.S.I.G.

INTERNAL 470

EXTERNAL

MINIMUM ALLOW. TEMP. -20

MAXIMUM ALLOW. TEMP. 350 °F



W 7722

1978

8008

STANDARD SERIAL NUMBER YEAR BODY

NATIONAL BOARD NUMBER

RT3

WORTH. NO. HG-42635

ITEM NO. C-204 2-077-13

