

FORM U-1A 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 The Stacey Mfg. Co. Cincinnati, Ohio 45216
 2. Manufactured for Foster Wheeler Energy Corp. Livingston N.J. 07039
 3. Location of Installation Philadelphia PA.
 4. Type Vert 4248 0-133-A43 1319 (Year Built) 1978
(Horiz. or vert. tank) (Mfr's Serial No.) (CRN) (Drawing No.) (Net Brd 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 1974 and Addenda to 12-31-76 and Code Case Nos. _____
(Year) (Date)

Special Service per UG-120(d)
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

6. Shell: Matl. SA-285-Gr.C Nom. Thk. 9/16 in. Corr. Allow. 1/8 in. Diam. 5'-0" (Top) 7'-6" (Bottom) 85 ft 1 1/2 in.
(Spec. No., Grade)
 7. Seams: Long. Weld Dbl. Butt R.T. Spot Efficiency 85 % H.T. Temp. _____ F Time _____ hr
(Welded, Dbl. Sngl. Lap, Butt) (Spot or Full) (Spot, Partial, or Full)
 Girth Weld Dbl. Butt R.T. Spot No. of Courses 10
(Welded, Dbl. Sngl. Lap, Butt) (Spot, Partial, or Full)
 8. Heads: (a) Material SA-285-Gr.C (b) Material SA-285-Gr.C
(Spec. No., Grade) (Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) <u>Top</u>	<u>9/16"</u>	<u>1/8"</u>			<u>2:1</u>				<u>Concave</u>
(b) <u>Bottom</u>	<u>3/4"</u>								

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

9. Constructed for max. allowable working pressure 146 psi at max. temp. 515° F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic or combination test pressure 219 psi.

10. Safety Valve Outlets: Number _____ Size _____ Location _____

* 11. Nozzles and Inspection Openings: "Also See Remarks"

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
<u>Manway</u>	<u>3</u>	<u>20"</u>	<u>300#S.O.</u>	<u>A-181-1</u>	<u>9/16"</u>	<u>SA-285-Gr.C</u>	<u>Welded</u>	<u>Sides</u>
<u>Outlet</u>	<u>1</u>	<u>18"</u>	"	"	"	"	"	<u>Bottom</u>
<u>Return & Outlet</u>	<u>3</u>	<u>8"</u>	"	"	<u>Ex.Str.</u>	"	"	<u>Top & Side</u>
<u>Inlet & PSV</u>	<u>2</u>	<u>6"</u>	"	"	"	"	"	<u>Cone & Top</u>
<u>Inlet</u>	<u>1</u>	<u>4"</u>	"	"	<u>Sch. 120</u>	"	"	<u>Side</u>
<u>LT</u>	<u>2</u>	<u>3"</u>	"	"	<u>Sch. 160</u>	"	"	<u>Side</u>
<u>Steam Out & Vent</u>	<u>2</u>	<u>2"</u>	<u>300#LWN</u>	"	<u>21/32"</u>	"	"	<u>Side & Head</u>
<u>TE, TI & TW</u>	<u>4</u>	<u>1"</u>	<u>Scr. Cplg.</u>	"	<u>6000#</u>	"	"	<u>Side</u>

12. Supports: Skirt (Yes or no) _____ Lugs (No.) _____ Legs (No.) _____ Other (Describe) _____ Attached (Where and how) _____

* 13. Remarks: P1 1 3/4" SW Cplg. SA-181-1 6000# --- Welded Side

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 1-25-78 Signed The Stacey Mfg. Co. by Richard P. C. Long
(Manufacturer) (Representative)
 "U" Certificate of Authorization No. 1830 expires March 30 1979

CERTIFICATE OF SHOP INSPECTION

Vessel made by The Stacey Manufacturing Co. at Cincinnati
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Ohio and employed by Royal Indemnity Co. have inspected the pressure vessel described in this Manufacturers' Data Report on MARCH 17 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 William H. Beck Date 3/17/78 Commissions NO. 5184 Pa. 1514 N.Y. 2111
(Inspector) (Net Board, State, Province and No.)