FORM U-5B MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
GRAPHITE SHELL-AND-TUBE HEAT EXCHANGERS WITH SPRINGS
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by _____
(Name and address of Manufacturer)

2. Manufactured for _____
(Name and address of Purchaser)

3. Location of installation _____
(Name and address)

4. Type _____ (Horizontal, vertical, or sphere) _____ (Manufacturer's serial number) _____ (CRN)

_____ (Drawing number) _____ (National Board number) _____ (Year built)

GRAPHITE SHELL-AND-TUBE HEAT EXCHANGERS WITH SPRINGS								
Name of Condition	Design/Operating Pressure Ranges				Design/Operating Component Temperatures		Allowable Axial Differential Thermal Expansion Range	
	Shell Side		Tube Side		Shell	Tubes		
	Min.	Max.	Min.	Max.			Min.	Max.
	(units)	(units)	(units)	(units)	(units)	(units)	(units)	(units)
Design								

Data Report Item Number	Remarks

Axial rigidity of spring or spring stack on each spring rod, K_j _____ _____ units

Number of spring rods, N_r _____

Initial compression of spring or spring stack, δ_{spring} _____ _____ units

Certificate of Authorization: Type _____ No. _____ Expires _____

Date _____ Name _____ (Manufacturer) Signed _____ (Representative)

Date _____ Signed _____ (Authorized Inspector) Commissions _____ (National Board Authorized Inspector Commission number)

(07/25)