



- IN ADDITION TO THIS: PARTS LIST NO. NDM2E-44-112722
- ALL INSTRUMENT TAPS CLOSED WITH PRESSURE TEST CAPS WHICH ARE CONSIDERED AS PART OF THE PRESSURE BOUNDARY
- ANY DEVIATIONS ON THE SHELL LENGTHS SHALL BE APPROVED BY SIEMENS POWER GENERATION GROUP (KWU)
- NOZZLE CLOSED WITH PRESSURE TEST CAP AT DELIVERY
- TOP OF TUBESHEET
- RELATED PARTS AND NOZZLES TURNED (DISPLACED) INTO THE PLANE OF PREPARATION
- LOCATION OF THE HOLES FOR THE LOOSE PARTS MONITORING SYSTEM
- VALID FOR TWO STEAM GENERATORS

VESSEL DATA				
DESIGN DATA				
PARAMETER	UNIT	PRIMARY	SECONDARY	DIFFERENTIAL
DESIGN PRESSURE (GAUGE)	N/mm <sup>2</sup> [psi]	17.13 [2485]	8.17 [1185]	11.03 <sup>1)</sup> /4.62 <sup>2)</sup> [1600 <sup>1)</sup> /670 <sup>2)</sup>
DESIGN TEMPERATURE	°C [°F]	343 [650]	316 [600]	343 [650]
PRESSURE TEST AT: (GAUGE)	N/mm <sup>2</sup> [psi]	21.42 [3107]	10.21 [1481]	-
TEMPERATURE AT PRESSURE TEST	°C [°F]	MIN RT <sub>test</sub> +33 [MIN RT <sub>test</sub> +60]	-	-
OPERATING DATA AT 100% LOAD; 0% PLUGGED, FOULED				
PARAMETER	UNIT	PRIMARY	SECONDARY	
FLOW RATE	Kg/sec. [lbs/h]	4520 [35.9x10 <sup>3</sup> ]	544 [4.32x10 <sup>3</sup> ]	
OPERATING PRESSURE (ABS.)	N/mm <sup>2</sup> [psi]	15.51 [2250]	6.42 <sup>3)</sup> [931] <sup>3)</sup>	
OPERATING INLET TEMPER.	°C [°F]	326.1 [617.2]	219.4 [426.9]	
OPERATING OUTLET TEMPER.	°C [°F]	286.2 [547.1]	280.7 [537.3]	
1) PRIMARY TO THE SECONDARY SIDE				
2) SECONDARY TO THE PRIMARY SIDE				
3) DOWNSTREAM FLOWLIMITER				
HEAT TRANSFER AREA: 7177 m <sup>2</sup> [77250 sq.ft.]				
NUMBER OF TUBES: 5428				
WEIGHT OF EMPTY RSG: ~ 343 t [756000 lbs]				
CONTENT AT 20°C [68°F]: PRIMARY SIDE: 38.2 m <sup>3</sup> [1349 cu.ft.]				
SECONDARY SIDE: 151.7 m <sup>3</sup> [5257 cu.ft.]				

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Exportkennzeichnung AL: 0E001 ECEN: N Export classification AL: 0E001 ECEN: N

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ASME Code requirements stated by Section III, Division 1, Class 1 Edition 1989 incl. 1990 Addenda

1. Ident. No.		W. TYPE "D4-2"		W. TYPE "D4-2"	
Project / Project:		Kern Replacement Steam Generator		SLO 001	
Revision / Revision:		NT 13		JEA10, 20	
Change / Change:		NDQ 2		BC 001	
Auxiliary feedwater distributor changed:		NRefOM		Type: SG 72 W/D4-2	
Export classification added:		NDM2		NDM2E-00-111402	
Prepared / Prepared:		Date / Date:		7 217 388	
Checked / Checked:		Date / Date:			
Drawn / Drawn:		Date / Date:			
Dept. / Dept.:		Date / Date:			