)32-1
(For Dimensioning use Form 60 1032)

BABCOCK & WILCOX

INTERMOUNTAIN POWER PROJECT - RB-614
STEAM GENERATOR UNITS 1-4
PROJECT FILE 9255.62.3401
IPA CONTRACT 2010N

RECEIVED FOR DISTRIBUTION
SEP 7 1982
BLACK & VEATCH

SUBJECT Customer Information per Div. P1 Article 7 DATE 12-8-81 PAGE 1 OF 3

Article 7.1(c)(1)

	MCR PRESS PSIG	MCR TEMP °F	100% P PSIG	100% T °F	75% P PSIG	75% T °F	50% P PSIG	50% T °F	25% P PSIG	25% T °F
Economizer Inlet Header	2880	554	2723	545	2600	512	2510	470	2458	405
Economizer Intermediate Hdr.	2866	571	2711	561	2590	526	2501	481	2450	438
Economizer Outlet Header	2841	574	2686	565	2567	529	2480	484	2430	443
Steam Drum	2822	687	2670	679	2558	671	2475	667	2428	665
Furnace Lower Wall Hdrs.	2879	667	2723	659	2608	656	2523	654	2472	651
Furnace Upper Wall Hdrs.	2827	687	2675	679	2562	671	2478	667	2430	665
Primary SH Inlet Headers	2791	695	2644	687	2544	683	2469	679	2426	674
Primary SH Outlet Header	2773	720	2628	720	2536	709	2464	692	2425	692
Furn. Platen SH Inlet Hdr.	2758	717	2615	706	2529	694	2461	692	2425	692
Furn. Platen SH Outlet Hdr.	2732	784	2592	777	2516	777	2455	782	2423	781
Secondary SH Inlet Hdrs.	2717	784	2579	777	2508	764	2452	775	2422	781
Sec. SH Intermediate Manifolds	2699	914	2563	912	2500	908	2448	919	2421	892
Secondary SH Outlet Hdr.	2645	1005	2515	1005	2473	1005	2436	1005	2418	950
Reheat Inlet Header	575	625	546	623	420	583	287	553	143	530
Reheat Outlet Headers	551	1005	524	1005	402	1005	275	975	143	850

Article 7.1(c)(2)

	MCR	100%	75%	50%	25%
First Stage Attemperator Data					
(Lb/Hr) Total Expected Flow	43608	183359	161831	0.0	0.0
" " Design "	653453	616547	462909	222656	84201
(psi) Expected Nozzle Δ P	1.0	11.1	8.2	0.0	0.0
" Design " "	77.7	66.6	38.6	8.7	1.2
Second Stage Attemp. Data					
(Lb/Hr) Total Expected Flow	0.0	0.0	49581	18374	0.0
" " Design "	248392	384586	456107	230490	23201
(psi) Expected Nozzle Δ P	0.0	0.0	1.2	1.0	0.0
" Design " "	24.4	57.7	81.4	20.0	1.0
Reheat Attemperator Data					
(Lb/Hr) Total Design Flow	207480	197000	151600	103200	45480
(psi) Design Nozzle Δ P	88.8	81.0	47.3	21.6	4.3
(°F) Spray Water Temp.	343	342	325	302	265

Art 7.1 a, c

Gas Pressure (in. H2O)	MCR	100%	75%	50%	25%
Leaving Furnace	-0.1	-0.1	-0.1	-0.1	-0.1
Ent. Sec. SH S1 = 24"	-0.1	-0.1	-0.1	-0.1	-0.1
Ent. SSH Out. S1 = 12"	-0.21	-0.20	-0.17	-0.14	-0.11
Ent. RH Outlet Bank	-0.32	-0.30	-0.23	-0.17	-0.12
Ent. RH Pend. Bank	-0.49	-0.47	-0.35	-0.23	-0.14
Ent. Horiz. RH (4)	-0.72	-0.64	-0.46	-0.29	-0.16
Ent. Horiz. RH (3)	-1.10	-1.02	-0.93	-0.63	-0.27
Ent. Horiz. RH (2)	-1.30	-1.23	-1.19	-0.85	-0.33
Ent. Horiz. RH (1)	-1.58	-1.52	-1.56	-1.15	-0.42
Ent. Pri. SSH Outlet Bank	-0.61	-0.55	-0.40	-0.23	-0.15
Ent. Horiz. PSH (3)	-0.72	-0.64	-0.43	-0.24	-0.17
Ent. Horiz. PSH (2)	-0.88	-0.77	-0.47	-0.25	-0.19
Ent. Horiz. PSH (1)	-1.09	-0.93	-0.53	-0.26	-0.21
Ent. Econ. Bank (2)	-1.27	-1.07	-0.58	-0.27	-0.23
Ent. Econ. Bank (1)	-1.38	-1.16	-0.61	-0.28	-0.24
Econ. Hopper Press.	-2.07	-2.01	-2.11	-1.62	-0.56
Press. Ent. Pri. AH*	-4.20	-4.07	-3.86	-3.15	-1.54
Press. Ent. Sec. AH*	-3.71	-3.64	-3.52	-2.94	-1.45
Press. Lvg. Pri. AH	-6.05	-5.77	-5.26	-4.10	-2.09
Press. Lvg. Sec. AH	-7.81	-7.44	-6.12	-4.44	-2.00

*Including stack effect

THIS INFORMATION IS SUBMITTED FOR THE PURCHASER'S CONVENIENCE AND THE PERFORMANCE INDICATED THEREON SHALL NOT BE OFFERED BY THE COMPANY OR CONSTRUED BY THE PURCHASER AS A PROPOSAL OR CONTRACT OBLIGATION (DWG. JN-120881-1-0)

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