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	was prepared 2. If received	and provided electronically		esponsibilit			
TO HERE	1. GENERAL 1.1 All units in t/h. 1.2 Ambient Design Cond 1.3 Normal flow consump 1.4 The balance is calcula	NOTE litions: 15 C, 60% RH tions are prorated to ated for 1 x boiler & 1 v normal flows. Blue	S 1, 1013 mbara, Plant at: 100% 24h if not continuous. x Steam Turbine configuratic taile numbers indicate upse	, Load			
	2. TOWN / FIREFIGHTIN 2.1 Town water is supplie 2.2 A firefighting dedicate 2.3 Fire protection water i 2.4 Firefighting water is si 2.5 Fire water demand fig	IG WATER d at the relevant Terr d water tank will be p is consumed in case upplied through town jure is preliminary	ninal Point rovided of fire. water Terminal Point				
own IK	2.6 Used fire fighting water flows shall be collected to the oily drains basin. 3. BOLLER START UP & DEMINERALIZED WATER CONSUMPTION 3.1. Boiler starting requires about 6,3 h. 3.2 Total demineralized water consumption during boiler start up around 155 t 4. DEMINERALIZED WATER 4.1 DemI Water Plant overall efficiency is considered equal to 75%. 4.2 DemI Water Treatment plant is featured as two (2x100%) trains with CB & AB & M with a nominal production capacity of 2.5 th						
	4.3 Two (2) demi water st 5. SANITARY / POTABLE 5.1 Sanitary water consul allowance of 1501 / person	torage tanks with cap <u>E / DOMESTIC WATE</u> mption has been con- n / day.	acity of 100 m3 each, are incl <u>IR</u> sidered for 120 people with a				
	Cooled Condneser washi 6.2 Boiler Blowdowns are Aux Cooling Water Syste 7. EFFLUENTS 7.1 It is assumed that 100	ONSUMPTIONS consumption to: Cher ng, Fin Fan Cooler w cooled to 85 C with m of the plant	nicals dilution, Aux Cooling M ashing, etc. quenching water and further v oes to oily drain network.	vith			
	Treatment (FGT) and Bo 7.3 During boiler start up expected with maximum i lossed in the atmoshpere	ilers Bottom Ash Har a higher blowdown fi nstanteneous rate of as high pressure / hi ititally to 85 and furth re is consumed to var LEGE RAW & FIRE	ow than steady state operatio 60,9 t/h. A portion of this flow gh temperature flashing wate r to 35 C and routed to the cl ious consumers.	n is is rand			
01),90	Design Basis Conditions: Boiler at 100% load with ambient temperatures of 15C						
	Rev Descripti	on		Ву	СВ	Date	
	ſF	75	MAKING COMPLEX CASY				
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	Project Corby Energy from Waste Facility						
	Title Water Balance Diagram						
	Status FINAL		Drawn By JM	TH		-	
Project N JER97		ımber Scale @ A3 3			Date Created DEC 2022		
	Figure Nu -	mber			Re	-	
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