

Article No. : #502

Title of Paper : Comprehensive Prediction 4 of Thermosyphon Characteristics in Reactor Passive Cooling System Simulation Loop FASSIP-01

Referee Name : Sigit Santoso

Line Number	Original Text	Correction	Note / Change
14	accidentthat wascaused	accident that was caused	Need word spacing
	usingthe MATLAB	using the MATLAB	''
	neededh-cooler exceeds 200	needed h-cooler exceeds 200	''
	For an h-cooler	For a h-cooler	''
	0.04 to 0.06 kg/sforheater	0.04 to 0.06 kg/s for heater	''
	to reach 95 % to wards steady state was predicted to bemore	to reach 95 % towards steady state was predicted to be more	''
	Reductionof this time to less than five hours was possible by reducing the heater tank volume from 100 L to 30 Lorby modifying	Reduction of this time to less than five hours was possible by reducing the heater tank volume from 100 L to 30 L or by modifying	''
19	evacuation processin	evacuation processing	mistyping
34	thathas a cavity	that has a cavity	Need word spacing
41	tothe environment [6], the CPR1000 with itsnew	to the environment [6], the CPR1000 with its new	''
43	which transfersthe	which transfers the	''
51	at anydesignbasis	at any design basis	''
52	In thosereactors	In those reactors	''
59	heat sinkwithdifferentelevation	heat sink with different elevation	''
70	lossof	loss of	''
78	inthe passive	in the passive	''
107	to predicthe	to predict the	''
122	The programapplied	The program applied	''
135	flow ratein	flow rate in	''
151	looprefers tothe	loop refers to the	''
155	tankisarround 200	tank is arround 200	''
164	asource ofhot	a source of hot	''
166	A heatsource	A heat source	''
207	table isadjusted	table is adjusted	''
213	significantfor	significant for	''

246	frictionhead	friction head	”
252	gravitationalacceleration	gravitational acceleration	”
257	frictionhead	friction head	”
259	$V = \frac{\beta(T_H - T_C)\Delta Z}{f_D \frac{L}{2g} + \frac{K}{2g}}$	$V = \sqrt{\frac{\beta(T_H - T_C)\Delta Z}{f_D \frac{L}{2g} + \frac{K}{2g}}}$	Please confirm
276	$V = \frac{\beta Q \Delta Z}{\rho A c_P \left(f_D \frac{L}{2g} + \frac{K}{2g} \right)^{\frac{1}{3}}}$	$V = \left[\frac{\beta Q \Delta Z}{\rho A c_P \left(f_D \frac{L}{2g} + \frac{K}{2g} \right)} \right]^{\frac{1}{3}}$	Please confirm
327	as givenby (6).	as given by (6).	Need word spacing
334	and <i>n</i> areconstants	and <i>n</i> are constants	Need word spacing
345	$h_p = \frac{Nu.k}{D}$	$h_p = \frac{Nu.k}{D}$	Please confirm
352	FASSIP01	FASSIP-01	mistyping
599	FASSIP01	FASSIP-01	mistyping
626	secondary side.	secondary side.	mistyping
773	$\tau = 55 V^{\frac{1}{2}} + 0.383$	$55Vh + 0.383$	Please confirm

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