

Recovery Method for the Hamaoka Nuclear Power Station Unit 4 Low-Pressure Turbine Shaft

(Before plan change)

Unit 4 Low-Pressure Turbine		7th to 9th stages	10th stages		11th stages		12th stages	
			High-pressure turbine side	Generator side	High-pressure turbine side	Generator side	High-pressure turbine side	Generator side
(A)	Investigation results	No cracking	Cracking occurred	No cracking	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred
	Recovery method	Cracking removed by cutting						Pressure plates installed
(B)	Investigation results	No cracking	No cracking	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred
	Recovery method	Cracking removed by cutting						Pressure plates installed
(C)	Investigation results	No cracking	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred
	Recovery method	Shaft replacement						Pressure plates installed (Shaft replacement tuning)

(After plan change)

Unit 4 Low-Pressure Turbine		7th to 9th stages	10th stages		11th stages		12th stages	
			High-pressure turbine side	Generator side	High-pressure turbine side	Generator side	High-pressure turbine side	Generator side
(A)	Investigation results	No cracking	Cracking occurred	No cracking	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred
	Recovery method	Shaft replacement						
(B)	Investigation results	No cracking	No cracking	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred
	Recovery method	Shaft replacement						
(C)	Investigation results	No cracking	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred	Cracking occurred
	Recovery method	Shaft replacement						