## **SB493**

## CONTROLLING OFFICER'S REPLY

(Question Serial No. 4528)

<u>Head</u>: (168) Hong Kong Observatory

Subhead (No. & title): (-) -

Programme: (2) Radiation Monitoring and Assessment

<u>Controlling Officer</u>: Director of the Hong Kong Observatory (SHUN Chi-ming)

<u>Director of Bureau</u>: Secretary for Security

## Question:

The Hong Kong Observatory (HKO) conducted a total of 22 exercises and drills in response to nuclear emergencies in 2018.

1. Please provide details of the 22 exercises and drills in the table below:

Date	Theme of	Content of	Participating	Participating	Number of	Expenditure
	Exercise/Drill	Exercise/Drill	HKSARG	Mainland	Public	Involved
			Departments	Authorities	Participants	

2. In the past 5 years, did the HKSAR Government receive any notifications on nuclear emergencies of the Daya Bay Nuclear Power Plant issued by the Guangdong authorities?

Asked by: Hon FAN Kwok-wai, Gary (LegCo internal reference no.: 72)

Reply:

1. The details of the 22 exercises and drills are listed in the table below:

Date	Theme of	Content of	Participating	Participating	Number of	Expenditure
	Exercise/Drill	Exercise/Drill	HKSAR	Mainland	Public	Involved
			Departments	Authorities	<b>Participants</b>	
Jan	Emergency	Action exercise	Hong Kong	Please see the r	emark	
2018	aerial	on	Observatory,			
	radiation	emergency aerial	Government			
	monitoring	radiation	Flying			
		monitoring	Service			
Mar	Laboratory	Action exercise	Hong Kong	Same as above		
2018	radiation	on	Observatory			
	measurement	emergency				
		radiation sample				
		measurement at				

the King's Park Radiation Laboratory  Mar Emergency Action exercise Observatory, survey emergency radiological survey  survey  and complete  the King's Park Radiation Laboratory  Hong Kong Observatory, Fire Services Department  survey  and complete	
Mar Emergency Action exercise Observatory, survey emergency radiological survey  Laboratory  Hong Kong Observatory, Fire Services Department survey	
Mar 2018 Emergency radiological survey Emergency radiological survey radiological survey Endough Same as above Observatory, Fire Services Department survey	
2018 radiological on Observatory, survey emergency radiological survey Department	
survey emergency radiological Department survey	
radiological Department survey	
survey	
survey	
and sample	
collection	
Mar Daya Bay Tabletop exercise Hong Kong Same as above	
2018 Contingency on emergency Observatory	
Plan operations of the	
Monitoring and	
Assessment	
Centre	
Jun Emergency Exercise on Hong Kong Same as above	
survey data Department transmission	
2018 Contingency on emergency Observatory, Plan operations of the Fire Services	
Monitoring and Department	
Assessment	
Centre	
Jun Laboratory Action exercise Hong Kong Same as above	
2018 radiation on Observatory	
measurement emergency	
radiation sample	
measurement at	
the King's Park	
Radiation	
Laboratory	
Jun Emergency Action exercise Hong Kong Same as above	
2018 radiological on Observatory	
survey emergency	
radiological	
survey	
and sample	
collection	
June   Daya Bay   Tabletop exercise   Hong Kong   Same as above	
2018 Contingency on emergency Observatory	
Plan operations of the	
Monitoring and	
Assessment	
Centre	
Sep Laboratory Action exercise Hong Kong Same as above	
2018 radiation on Observatory	
measurement emergency	
radiation sample	
measurement at	
the King's Park	
Radiation	
Laboratory	
Sep Emergency Action exercise Hong Kong Same as above	

2010	1: 1 : 1	1	01	1
2018	radiological	on	Observatory,	
	survey	emergency	Fire Services	
		radiological	Department	
		survey		
		and sample		
		collection		
Sep	Daya Bay	Tabletop exercise	Hong Kong	Same as above
2018	Contingency	on emergency	Observatory	
	Plan	operations of the	,	
		Monitoring and		
		Assessment		
		Centre		
Oct	Daya Bay	Tabletop exercise	Hong Kong	Same as above
2018	Contingency	on emergency	Observatory	Same as above
2010	Plan	operations of the	Obscivatory	
	1 Ian	Monitoring and		
		Assessment		
NI		Centre	Home V.	Come as above
Nov	Emergency	Action exercise	Hong Kong	Same as above
2018	radiological	on	Observatory,	
	survey	emergency	Civil Aid	
		radiological	Service	
		survey		
		and sample		
		collection		
Nov	Daya Bay	Tabletop exercise	Hong Kong	Same as above
2018	Contingency	on emergency	Observatory	
	Plan	operations of the		
		Monitoring and		
		Assessment		
		Centre		
Nov	Emergency	Action exercise	Hong Kong	Same as above
2018	radiological	on	Observatory,	
	survey	emergency	Fire Services	
	·	radiological	Department	
		survey	1	
		and sample		
		collection		
Dec	Laboratory	Action exercise	Hong Kong	Same as above
2018	radiation	on	Observatory	
2010	measurement	emergency	Josephanory	
	mousurement	radiation sample		
		measurement at		
		the King's Park		
		Radiation		
D	Davia D	Laboratory	Home W-	Come as shows
Dec	Daya Bay	Action exercise	Hong Kong	Same as above
2018	Contingency	regarding	Observatory,	
	Plan	inter-departmental	Fire Services	
		coordination on	Department,	
		emergency	Civil Aid	
		radiological	Service	
l		survey and		
		_		
		sample		
		sample collection		
Dec 2018	Daya Bay Contingency	sample	Hong Kong Observatory	Same as above

	Plan	nuclear accident consequence assessment		
Dec	Daya Bay	Tabletop exercise	Hong Kong	Same as above
2018	Contingency Plan	on long distance nuclear accident	Observatory	
	1 Ian	consequence		
		assessment		
Dec	Laboratory	Action exercise	Hong Kong	Same as above
2018	radiation	on	Observatory	
	measurement	emergency		
		radiation sample		
		measurement at		
		the King's Park		
		Radiation		
		Laboratory		
Dec	Daya Bay	Tabletop exercise	Hong Kong	Same as above
2018	Contingency	on emergency	Observatory	
	Plan	operations of the		
		Monitoring and		
		Assessment		
		Centre		

Remark: The exercises only involved departments from the HKSAR Government. No Mainland authority or member of the public participated in these exercises. HKO utilized its existing resources to carry out the exercises and drills. No additional expenditure was involved.

2. In the past 5 years, no nuclear accident<sup>1</sup> occurred at the Daya Bay nuclear power stations. Notwithstanding this, HKO regularly conducts monthly communication test with the Nuclear Emergency Committee Office of Guangdong Province on notification of nuclear accidents.

- End -

<sup>&</sup>lt;sup>1</sup> Nuclear accident in general refers to nuclear event with severity reaching Level 4 (i.e. accident with local consequences) or above in the International Nuclear and Radiological Event Scale (INES).