

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 4914)**

Head: (42) Electrical and Mechanical Services Department  
Subhead (No. & title): (-) Not Specified  
Programme: (1) Energy Supply; Electrical, Gas and Nuclear Safety  
Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)  
Director of Bureau: Secretary for Security  
This question originates from: Estimates on Expenditure Volume 1 Page 200 (if applicable)

Question (Member Question No. 172):

Regarding the work of the Electrical and Mechanical Services Department on nuclear safety, please advise on the details of the following work, the expenditure and manpower involved, the participation rate of accountable officers and effectiveness for each of the past five years:

- a) review and implementation of departmental plan;
- b) response to initial alert, analysis and assessment of engineering information;
- c) planning and participation in nuclear emergency incident drill;
- d) provision of professional advice on nuclear power and dealing with related emergency incident.

Please list out the above items by year.

Asked by: Hon. CHAN Ka-lok, Kenneth

Reply:

The work on nuclear safety done by the Electrical and Mechanical Services Department (EMSD) in the past five years is set out in the table below:

a) Review and implementation of departmental plan	In accordance with the departmental plan formulated for the Daya Bay Contingency Plan (DBCP), EMSD had arranged staff on standby duty to respond and provide engineering/technical advice to the Security Bureau in case of occurrence of nuclear emergency incidents. Given the revision of the DBCP by the Security Bureau made after the comprehensive review of the plan in 2012, EMSD had revised its departmental plan in 2012 accordingly.
b) Response to initial alert, analysis and assessment of engineering information	In accordance with the established mechanism, EMSD had arranged staff on 24-hour standby duty to respond to initial alert in case of occurrence of nuclear emergency incidents, and to carry out analyses and assessment of engineering information.
c) Planning and participation in nuclear emergency incident drill	EMSD has been participating in the monthly communication drills related to nuclear emergency incidents including communication testing and computer system network testing. In addition, EMSD had taken part in the one-off inter-departmental drill arranged in conjunction with Hong Kong Observatory in

	2010, as well as the large-scale inter-departmental DBCP Exercise co-ordinated by Security Bureau in 2012.
d) Provision of professional advice on nuclear power and dealing with related emergency incident	EMSD had provided engineering/technical advice to relevant bureaux on issues related to nuclear power and the handling of nuclear emergencies in accordance with the established mechanism.

EMSD had arranged for engineers to participate in the above work in accordance with the requirements of the related bureaux. As the staff participating in such work were also handling other duties at the same time, we do not have a breakdown on the expenditure and manpower involved.