

# Release of Sites : Malaysia's Legal & Regulatory Framework



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## Reactor TRIGA PUSPATI description

- Reactor Type: TRIGA Mark II
- Reactor power: 1MW thermal
- Pulsing peak power : 1200MW
- Start of installation: 9 Nov 1981
- First criticality: 28 June 1982
- Moderator :  $H_2O$ ,  $ZrH_{1.6}$
- Coolant: Light water
- Reflector: Graphite
- Fuel type:
  - 3 types
    - ⌘ 8.5 wt %
    - ⌘ 12 wt %
    - ⌘ 20 wt %
  - Stainless-steel cladding (SS302)



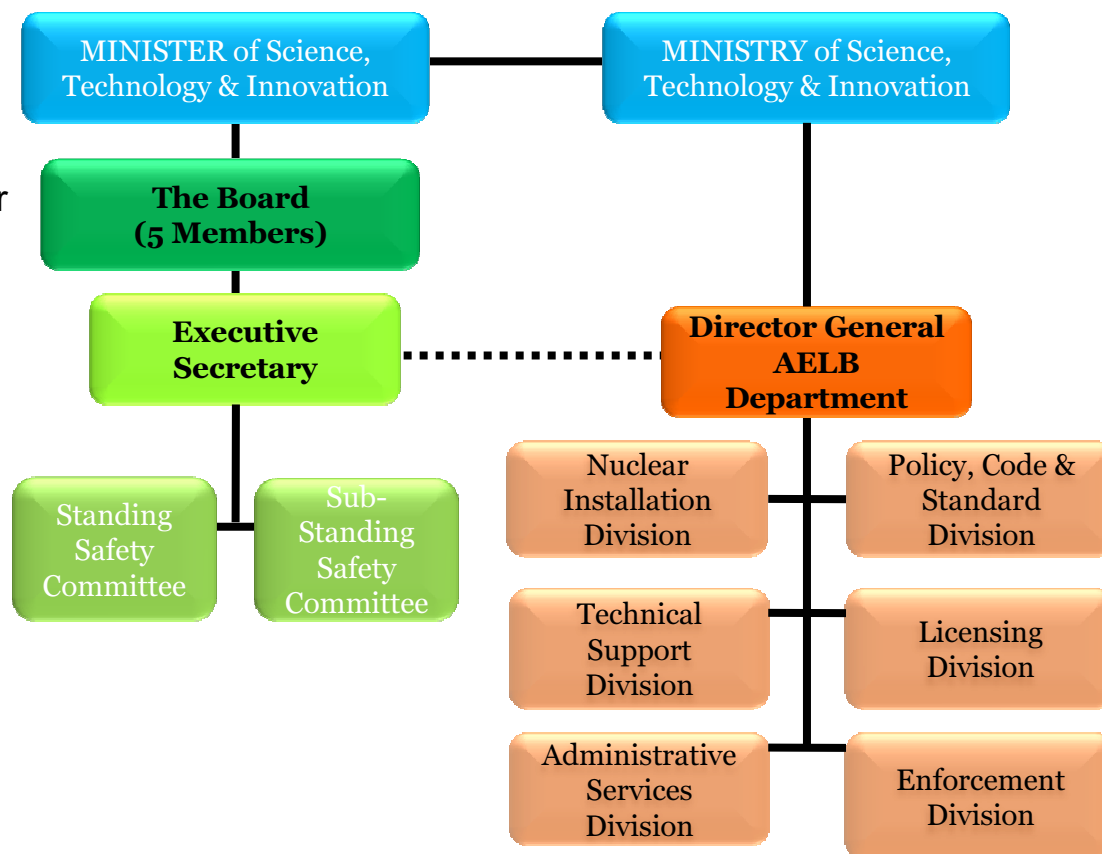
## Legal and Regulatory Framework

- Main Act:
- Atomic Energy Licensing Act 1984 (Act 304)
  - To provide for the regulation and control of atomic energy;
  - For the establishment of standards on liability for nuclear damage; and
  - For matters connected therewith or related thereto.

- Regulatory Body: Atomic Energy Licensing Board (AELB) was established under Section 3 of the Act. 304

Ensuring safety, security and safeguarding peaceful Nuclear Activities

### Atomic Energy Licensing Board (AELB)



## A Bill : Atomic Energy Act 200 - provision for decommissioning

### PART IX : DECOMMISSIONING

- **Section 44 (1) – (2) : Decommissioning Requirements;**

(2)The facility shall not be released from regulatory control until the licensee had demonstrated that the end state of the decommissioning plan had been reached and all other regulatory requirements had been met.

- **Section 45 (1) : Decommissioning Plan;**
- **Section 46 : Responsibilities of Licensee in Decommissioning;**
- **Section 47 : Financing of Decommissioning.**

## **A Draft Atomic Energy (Nuclear Installation Licensing) Regulations 200\_ – provision for decommissioning**

### **Part VII : Decommissioning License**

Section 13 : Decision to Decommission

Section 14 (1) – (8) : Technical Requirements for Decommissioning;

Section 15 : Release From Regulatory Control.

The followings shall be submitted to the Board before release for unrestricted use of the site:

- i. the report of decommissioning;
- ii. the report of the Environmental Monitoring for the site and surrounding area;
- iii. the evidence that all responsibilities and liabilities have been discharged;
- iv. the final radiological status of the nuclear; and
- v. any other information required by the Board.



Thank you.

