



Australian Government

Australian Radiation Protection and Nuclear Safety Agency

# Proposed Changes to the Regulations

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# Regulation 49

## Now

### 49 Compliance with plans for managing safety

The holder of a licence **must ensure** that all dealings with controlled materials and controlled apparatus, and all activities related to controlled facilities, **comply with the plans and arrangements** for managing safety of the source or facility, mentioned in the licence application.





# Regulation 49 from 1 July 2015

## 49 Managing safety

- (1) The holder of a facility licence **must take all reasonably practicable steps** to manage the safety of the facility, including:
  - (a) having in place plans and arrangements of the kind mentioned in item 4 of the table in clause 1 of Schedule 3; and
  - (b) ensuring that such plans and arrangements are **implemented to the extent reasonably practicable**.
- (2) The holder of a source licence must take all reasonably practicable steps to manage the safety of the source, including:
  - (a) having in place plans and arrangements of the kind mentioned in item 4 of the table in clause 2 of Schedule 3; and
  - (b) ensuring that such plans and arrangements are implemented to the extent reasonably practicable.



# Regulation 50

Now

## 50 Holder of a licence must review and update plans and arrangements

- (1) The holder of a licence must, **at least once every 12 months**, review and update any plans and arrangements for managing the controlled facility, controlled material or controlled apparatus to ensure the health and safety of people and protection of the environment.
- (2) The holder of a licence must, after conducting a review mentioned in subregulation (1), **give the CEO information** about the review.



# Regulation 50

From 1 July 2015

## 50 Reviewing and updating plans and arrangements for managing safety

- (1) The holder of a licence must, **at least once every 3 years**, review and update the plans and arrangements mentioned in regulation 49 in relation to the licence.
- (2) The holder of a licence **must keep and maintain records** of any changes made to the plans and arrangements.
- (3) Subregulation (1) does not apply to the extent that the licence makes **other arrangements** for a matter mentioned in that subregulation.



## Regulation 62 Annual equivalent dose limit Now

### 62 Annual equivalent dose limit

- (1) The annual equivalent dose limit to the lens of the eye is:
  - (a) for occupational exposure—150 mSv; and
  - (b) for public exposure—15 mSv.

### **From 1 July 2015 – in line with 2014 IAEA BSS**

- (1) For occupational exposure, the equivalent dose limit to the lens of the eye is 20 mSv annually, averaged over 5 consecutive calendar years.
  - (1A) However, the equivalent dose to the lens of the eye for a person subject to occupational exposure must not, in a year, be greater than 50 mSv.
  - (1B) The equivalent dose to the lens of the eye for a person subject to public exposure must not, in a year, be greater than 15 mSv.



## Additional exemptions in Part 1 of Schedule 2

An electron capture detector or similar device used in gas chromatography containing:

- (i) a nickel 63 sealed source with activity not more than 750 MBq; or
- (ii) a tritium source with activity not more than 20 GBq.

Lighting products that include krypton 85.

Certain sealed radioactive source used for teaching.

Certain geological samples used for teaching or for display.



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# THANK YOU

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