

# Radiation Policy

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## 1 Policy Statement

Deep Yellow considers excellence in radiation management performance is essential to its business success and is fully committed to achieving minimum radiation exposure as it applies to its workers, members of the public and the surrounding natural environment by minimising the potential impact by the safe management of radioactive waste at its uranium mining and processing operations. These objectives will ensure that:

- (a) radiation doses to workers and the general public are less than internationally accepted limits and are as low as reasonably practicable; and
- (b) there are no adverse effects on the regional communities or their environment.

The aim of this Policy is to provide the overarching framework for the business to achieve a high standard of radiation management performance.

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## 2 Radiation Policy

The dose limits currently imposed by legislation is 20 milliSievert per year for radiation workers (averaged over five years) and 1 milliSievert per year for the general public.

In the case of Deep Yellow no work with ionising radiation shall result in doses exceeding the following Dose Constraints above natural background:

- (a) for employees and contractors working directly with ionising radiation, a dose of 5 milliSievert per year (5 year average); and
- (b) for other employees and the public, a dose of 1 milliSievert per year.

The Company shall redeploy any employees or contractors whose exposure to ionising radiation exceeds a dose of 5 milliSievert per year above natural background, to work in areas not exceeding two times natural background for a period of no longer than 12 months.

Pregnancy – all female onsite workers shall be made aware that they are required to declare a pregnancy immediately to the Radiation Safety Officer (RSO), as there is a lower regulatory dose limit for pregnant women to protect the foetus. This is a regulatory requirement, NOT just a Company policy.

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### 3 Strategy to Meet Commitment

Deep Yellow's radiation objectives are achieved by:

- (a) complying with applicable radiation legislation in each sphere of operation as a minimum standard and applying industry standards;
- (b) identifying, assessing and managing radiation risks at its operations;
- (c) developing and implementing a uniform Radiation Management System (refer note below), including a Radiation Management Plan, for its operations;
- (d) implementing and assigning accountability for Deep Yellow's radiation standards, guidelines and procedures;
- (e) striving to achieve continuous improvement in radiation management performance;
- (f) ensuring that its employees and contractors are fully aware of their radiation management responsibilities;
- (g) ensure safety and security of radioactive sources at all times;
- (h) undertaking regular internal and external audits on the Radiation Management System at each site;
- (i) control transport of radioactive materials to the standards required; and
- (j) reporting radiation management performance openly and transparently.

#### *Radiation Management System*

*The objective in applying the principles outlined in the Radiation Management System is to address the radiation risks associated with handling radioactive ore and concentrates and to reduce these risks to as low as reasonably practicable. The Radiation Management System assists all personnel to meet their duty of care with regards to maintaining their obligations in respect to radiation protection and management of radioactive waste. By identifying and reducing the radiation risks, the Radiation Management System provides a mechanism to ensure compliance with regulatory legislation, policies, standards, guidelines and procedures.*

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### 4 Responsibilities and Review

The Managing Director/CEO of Deep Yellow is accountable to the Board of Directors for ensuring this Policy is effectively implemented through regular briefings/update and performance reviews. Performance will be measured through internal and externally recognised auditing and reporting processes.

The Board will review this Policy regularly to ensure that it is current and the requirements of this Policy meet industry standards of excellence for radiation protection performance.

Date adopted	29 June 2017
Last amendment	
Last review	