

Uranium Stewardship - the unifying foundation

- presented by Mick Roche
Chairman
WNA and AUA Uranium Stewardship Working Groups



Presentation outline

- Stewardship
- Uranium Stewardship
- Stewardship mission and principles
- Guidelines/practices/verification
- Stakeholder consultation

Stewardship

“all players in a commodity life cycle working together to maximise the value to society from the mining, processing, manufacture, consumption and end of life management of that commodity - without harming people and the environment”

WNA Uranium Stewardship Working Group

- membership exceeds 90
- one of largest and most active working group within WNA
- members represent all sectors of the uranium lifecycle
- all continents and most countries (with interest in uranium) represented
- IAEA are observers to the working group

Uranium Stewardship

- is a WNA programme of action seeking to define, and achieve voluntary worldwide industry adherence to, principles and practices designed to ensure that uranium and its by-products are managed in ways that are safe, environmentally responsible, and economically and socially acceptable.
- Through this programme WNA will engage all industry sectors involved with the uranium life cycle, as well as relevant stakeholders, with the objective of first encouraging best practice, then sustaining an ongoing industry effort to continuous improvement.

Uranium Stewardship Principles

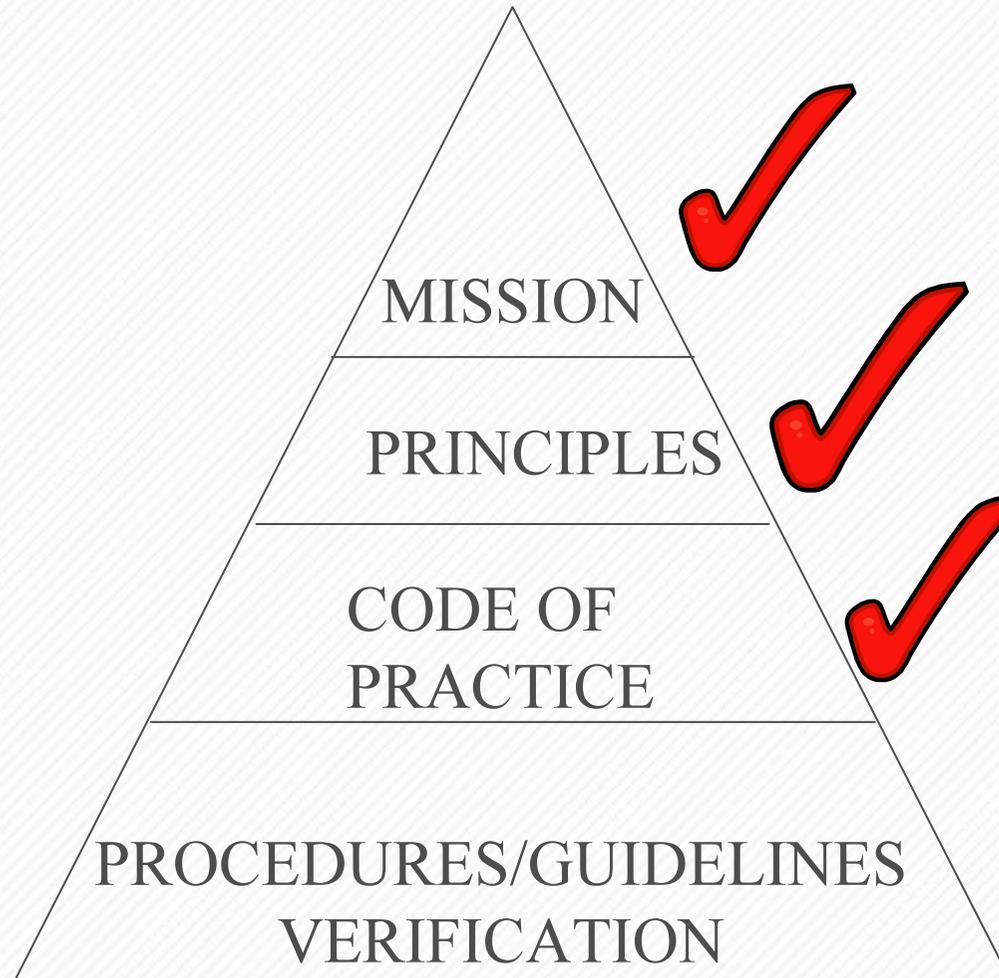
1. *Support the safe and peaceful use of nuclear technology.*
2. *Act responsibly in all areas we manage and control.*
3. *Operate ethically with sound corporate governance.*
4. *Uphold and respect fundamental human rights.*
5. *Contribute to the social and economic development of regions where we operate.*
6. *Provide for responsible sourcing, use and disposition of uranium and its by-products.*
7. *Support best practice and responsible behaviour throughout the nuclear fuel cycle.*
8. *Improve continually in all areas of our performance.*
9. *Communicate regularly on progress.*
10. *Review and update.*

Example of Code of Practice

2. Act responsibly in all areas we manage and control

- Ensure that we understand and comply with our obligations and regulatory requirements. Ensure that the right management system is established, implemented, maintained and continually improved.
- Conduct and commission regular independent audits to assess and verify compliance and identify opportunities for improvement, even beyond regulations. Participate in voluntary systems of review and exchange designed to enhance and maintain nuclear safety (e.g.: IAEA's inspections and assessments, WANO's peer reviews, voluntary reporting, FTSE4Good...).
- Ensure that we understand the needs of our stakeholders and reflect them whenever possible and relevant in our decision making process.

Hierarchy of documents



PROCEDURES / GUIDELINES VERIFICATION

Sector	Best practice Guidelines	Verification
Mining	in progress	in progress
Conversion	in progress	in progress
Enrichment	in progress	in progress
Fuel fabrication	in progress	in progress
Power generation	in progress	in progress
Spent fuel management	in progress	in progress

Best practice guidelines - mining

- Exploration guidelines - drafted and implemented by AUA; being modified for global usage
- Mining and Processing guidelines - drafted and implemented by WNA
- In-situ leach uranium mining guidelines - drafted by Geoscience Australia
- Uranium Concentrates Industry Good practice for ISO containers - drafted and implemented by WNTI
- Container terminal Stewardship Questionnaire - drafted, trialled and implemented by AUA; being trialled globally with assistance from DPWorld and P&O Stevedoring

Stakeholder consultation

- Stakeholder dialogues (London September 2008, Sydney April 2009)
 - St James Ethics Centre, Medical Association for the Prevention of War, Australian Conservation Foundation (ACF), Clean Energy Council, AUA Indigenous Dialogue Group, SA Native Title Service, Lowy Institute , Australian National University (ANU), Australian Nuclear Science and Technology Organisation (ANSTO), NTSCorp Ltd, Australian Safeguards and Non-proliferation Office (ASNO), ERA Ltd, EDF Nuclear, Urenco, Cameco, BHP Billiton Ltd
- International Commission on Non-proliferation and Nuclear Disarmament

The Nuclear Fuel Cycle

