



Health and Safety
Executive



Environment
Agency

Regulatory Framework – Environment

Alan McGoff

Radioactive Substance Regulation Policy

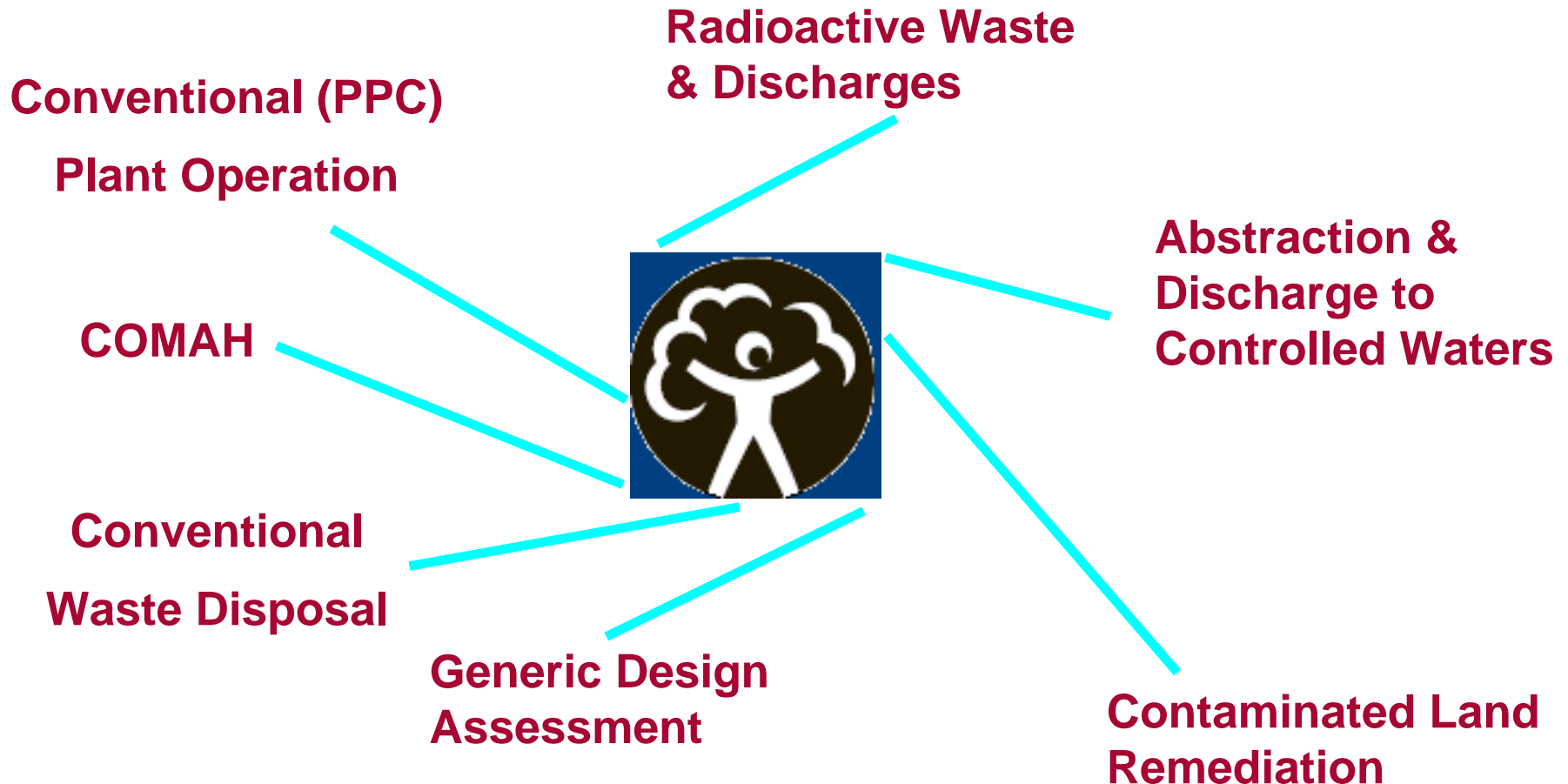
Potential Operators Seminar, Aintree, 26 February 2008

The Environment Agency

Environment Act 1995:

- Created the Environment Agencies;
- Principal Aim (s4) - contribute to achieving the objective of sustainable development;
- Use of our pollution control powers (s5) - *“preventing or minimising, or remedying or mitigating the effects of, pollution of the environment”*;
- Likely costs and benefits (s39) - general duty to take into account when considering whether and how to exercise our powers;
- Providing advice (s37) - to any person we can provide advice or assistance;
- Provides inspection (s108) and have enforcement powers.

Our Role in New Nuclear Build - Direct Regulation



Our Role in New Nuclear Build - Indirect / Consultee



Authorisation to Discharge or Dispose of Radioactive Wastes (RSA 93)

Some considerations:

Basic Safety Standards Direction 2000:

- Doses to members of the public from disposals must be as low as reasonably achievable (ALARA); and
- Within constraints and limit.

DTI Nuclear White Paper:

- “...use BAT to meet high environmental standards. This will help ensure that radioactive wastes created and discharges from any new UK nuclear power stations are minimised and do not exceed those of comparable power stations across the world....”

Best Available Techniques (BAT):

- OSPAR/Statutory Guidance/PPC definition

BAT Expectations

- “techniques” includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned;
- “available” means that the technique must be technically and economically viable taking into consideration the costs and benefits;
- “best” means most effective in achieving a high general level of protection of the environment as a whole;

Water, PPC and other considerations

Includes:

- Water Framework Directive;
- Water quality standards;
- Habitats regulations;
- Criteria for low impact PPC installations.

Flood Risk Management

