



Health and Safety
Executive



Environment
Agency

Nuclear Site Licensing

Dave Watson

Nuclear Directorate

Potential Operators Seminar, Aintree 26 February 2008



Health and Safety
Executive



Environment
Agency

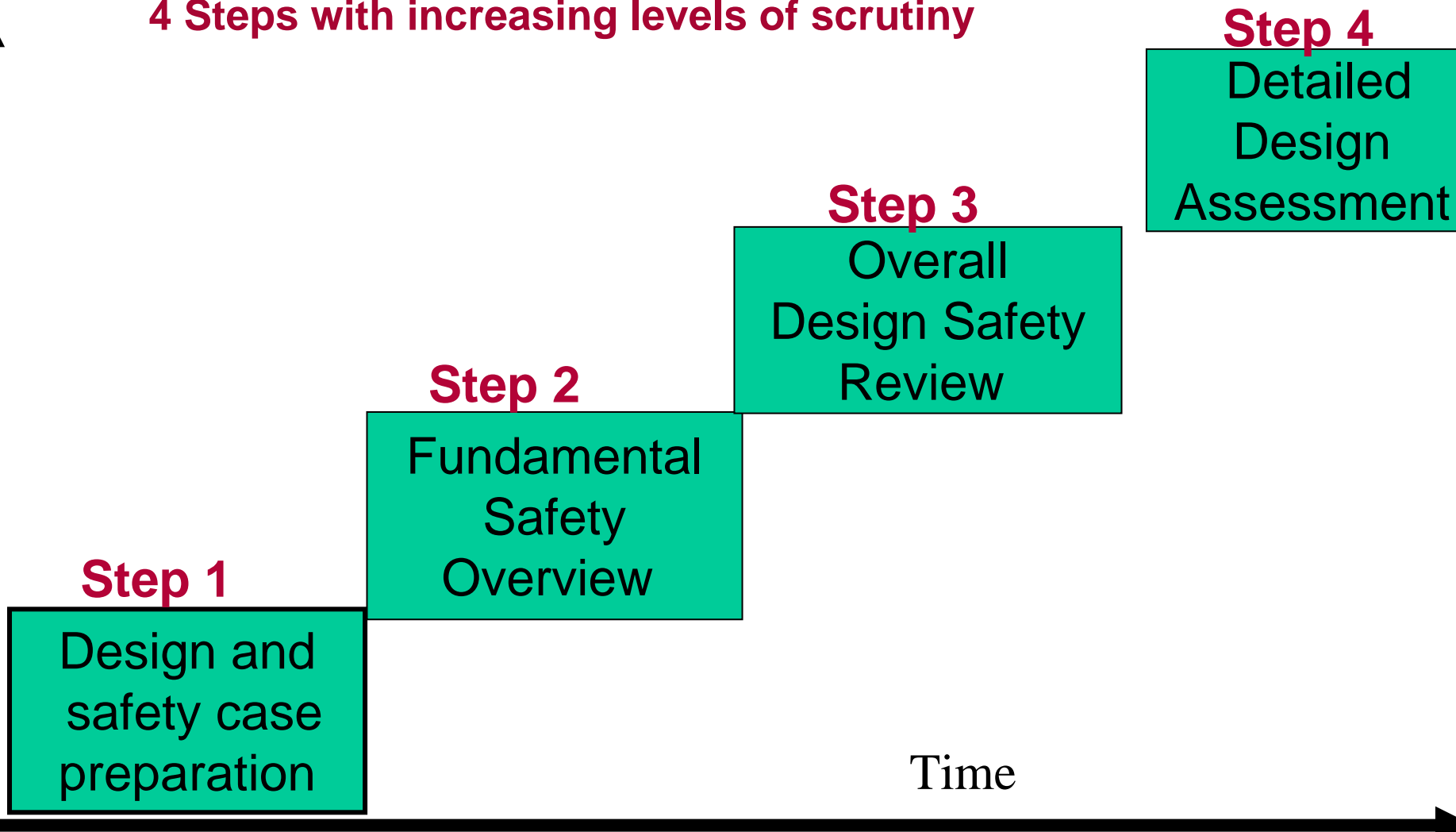


Two Phase Nuclear Licensing Process

- PHASE 1 : Generic Design Assessment
 - Similar proposals from NII, EA & OCNS
 - using generic site characteristics
- PHASE 2 : Nuclear Site Licensing & Authorisation
 - site specific and
 - operator specific assessment
 - Normal practice but using design assessment from Phase 1

Generic Design Acceptance process

4 Steps with increasing levels of scrutiny





Health and Safety
Executive



Environment
Agency

Design Acceptance – Innovations

- Joint regulators programme office NII, EA, OCNS
- Much enhanced openness by applicants & process for public involvement – safety case in public arena
- Generic site envelope
- Reactor design should be frozen
- Assessments by foreign regulators will be considered
- International standards basis via revised SAPS

Nuclear Licensing Timescales

- PHASE 1 : Generic Design Assessment
 - Approx 3.5 years duration
- PHASE 2 : Nuclear Site Licensing & Authorisation
 - Approx 1 year duration
 - Starts when Application received
 - Can't finish before GDA Confirmation

Phase 2 - Nuclear Site Licensing

- Look at site specific issues for the reactor
- Examine the Licensee's organisation
- Take the Design Acceptance Confirmation
- Assess any Exclusions in design acceptance
- Assess any new relevant information since design acceptance
- May be partly in parallel with Phase 1 GDA
- Series of sites?



Health and Safety
Executive



Environment
Agency

Phase 2 - Nuclear Site Licensing

- Output
 - NII grant a licence for specific design on a specific site to a specific operator