

## Group D4

- Nuclear fuel cycle, nuclear waste
- Site and supporting facilities
- Environmental protection
- Emergency planning

# QUESTIONS / DIFFICULTIES

1. What is likelihood that vendor will take back spent fuel and high level waste in the future? It would make implementation of nuclear power much easier.
2. Once I choose a particular reactor type am I bound to a single fuel supplier? Countries would like a choice between suppliers to ensure reliable reasonable cost supply.
3. Which should countries decide on first: a fuel strategy or a particular design

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1. Does the agency have specific numerical guidance for the key siting criteria, eg volume of water available etc. Some guidance on high level criteria for initial site screening and whether it is better to look for multi unit sites would be valuable.
2. What type of siting studies need to be done at the furthest out zone?

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# QUESTIONS / DIFFICULTIES

1. **Who should be responsible for carrying out radiation and environmental monitoring during both normal operation of the power plant and during emergencies.**
2. **How should the coordination between the monitoring of different agencies, regulators and the power plant staff be carried out.**

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# QUESTIONS / DIFFICULTIES

1. **Who should be in charge of emergency response?**
2. **Some countries have a general crisis centre and a specific centre for managing nuclear or radiation emergency response. Is it possible to give guidance on when the responsibility should move from one to the other?**
3. **Who should be responsible for training in emergency response?**
4. **What are the mechanisms for assessing the quality of emergency response plans?**
5. **Will there be guidance on which of the latest designs require less off-site emergency planning?**