



SRS Citizen's Advisory Board

Recommendation No. 42

July 22, 1997

Nonproliferation Study of Research Reactor Spent Fuel Management Alternatives

1. The study should begin with a clear statement of the current United States nonproliferation policy as it relates to the aluminum-based spent nuclear fuels at
2. The SRS Citizens Advisory Board endorses the DOE decision to broaden the scope of the study to include the non-proliferation advantages and disadvantages of all alternatives. Where an alternative has identified disadvantages, the study should explore how they might be mitigated.
3. The treatment or processing of spent fuels implies the need of oversight from the International Atomic Energy Agency (IAEA) to assure that material is not diverted. To the degree that this oversight would risk compromising classified information, the study should explore alternative concepts that would provide transparency, i.e., non-diversion assurance without these risks.
4. For all alternative treatment options, explain the uncertainty of the costs and scheduling and how it would affect the non-proliferation advantages and disadvantages.

Agency Responses

[Department of Energy-SR](#)

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