KOEBERL, DWIGHT D., SEATTLE, WA
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Storage and Disposition of Weapons-Usable Fissile Materials Draft Programmatic Environmental Impact Statement (PEIS) Public Comment Form

Name (optional): Dwight D. Koeberl
Address (optional): 202 NW 72nd St
Seattle, WA 98117

Please write down your comments and drop this form in the marked boxes before you leave tonight. These forms will be submitted to the Department of Energy as part of the formal comment on this PEIS. If you are unable to complete this form tonight, written comments can be mailed to:

Department of Energy
Office of Fissile Materials Disposition
P.O. Box 23786
Washington, D.C. 20026-3786

or, you can call this toll-free number to leave comments by phone: 1-800-820-5156. Comments must be submitted by May 7, 1996.

The Department of Energy has identified three types of technologies as options for disposing of weapons-usable fissile materials. The Department has also considered a "no action alternative" which would result in long-term storage of these materials. Please write down your comments on the following three types of options for disposal and the storage option.

1. **Materials Immobilization/Vitrification** - Immobilize fissile materials by mixing them with glass, glass bonded zeolites, or ceramics.

This option seems preferable, because it allows disposal of plutonium in an unusable form. Disposal in a form not suitable for weapons use is the best option. 1/08.03.01

2. **Deep borehole disposal** - Materials would be disposed in boreholes at least 2.5 miles deep, in geologically stable formations. Materials could be disposed directly into the deep borehole, or materials could be immobilized first, and then deposited into the deep borehole.

Only preferable if immobilized first. 1/08.03.01 cont.

3. **Reactor Options** - Surplus plutonium/highly enriched uranium would be made into MOX fuel for use in nuclear reactors, destroying by fission a major portion of the weapons grade materials.

Very objectionable because of the wastes generated. 2/08.03.01

4. **Storage Options** - USDOE would continue existing storage practices for weapons-usable fissile materials at current locations and/or consolidate that storage at one or more of the designated sites.

The material should be made inappropriate for use in bombs. 3/01.02.00

M-223

08 03 01 — Comment Number 1

The Department of Energy acknowledges the commentor's support for the Vitrification Alternative. Decisions on disposition of weapons-usable fissile materials will be based upon environmental analyses, technical and economic studies, national policy considerations, and public input.

08 03 01 — Comment Number 2

The Department of Energy acknowledges the commentor's opposition to the Reactor Alternatives. However, NEPA requires that DOE look at all reasonable alternatives and, therefore, reactor burning must be considered. Decisions on the disposition of weapons-usable fissile materials will be based upon environmental analyses, technical and economic studies, national policy considerations, and public input.

01 02 00 — Comment Number 3

The Department of Energy's proposed storage action includes nonsurplus weapons-usable fissile materials to support national defense and surplus Pu pending disposition. The surplus Pu would ultimately be converted into a form that would make it difficult to extract and reuse to make weapons.