



**Office of  
Fissile Materials  
Disposition**

United States Department of Energy

***Technical Summary  
Report  
For  
Surplus Weapons-Usable  
Plutonium Disposition***

October 31, 1996

Rev. 1



## **FOREWORD**

The *Technical Summary Report* presents the results of the Department of Energy's analyses of the alternatives for the disposition of surplus weapons-usable fissile plutonium. This report summarizes the alternatives that were considered and the results of the analyses of the technical, cost and schedule data to support the Record of Decision.

Additional information related to this document and the Fissile Materials Disposition Program can be found at the FMDP Internet site at:

“<http://web.fie.com/htdoc/fed/doe/fsl/pub/menu/any/>”





## PREFACE

This report summarizes representative technical, cost, and schedule data for the reasonable alternatives being considered for the disposition of plutonium declared surplus to national security requirements in the *Storage and Disposition of Weapons-Usable Fissile Materials Draft Environmental Impact Statement* (Storage and Disposition PEIS). The original report (Revision 0) was issued on July 17, 1996 with a request for comments by August 31, 1996. A number of comments were received by the Department and the report revised in response to those comments. A companion report (*Summary Report for the Long-Term Storage of Weapons Usable Fissile Materials [Revision 0]*) was also issued in July 1996 to address technical, cost and schedule data on the long-term alternatives. It is also being revised in response to comments and will issued shortly.

The technical, cost and schedule data in this report will be considered in conjunction with the Storage and Disposition Final PEIS, and a nonproliferation study (*Nonproliferation and Arms Control Assessment of Weapons-Usable Fissile Materials Storage and Disposition Alternatives*) in making storage and disposition decisions. For this reason, it should be noted, that the Draft PEIS states disposition alternatives may be combined but does not specify the potential hybrids analyzed in this document.

Sidebars have been used to show where revisions of fact and data have been made to the original report, except for Chapter 6. This chapter is essentially all new material. Editorial changes were not marked.

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