

**U.S. DEPARTMENT OF ENERGY
OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

**PRESENTATION TO
THE NUCLEAR WASTE TECHNICAL REVIEW BOARD**

**SUBJECT: INTRODUCTION TO REPOSITORY
DESIGN FEATURES**

PRESENTER: EDGAR PETRIE

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REPOSITORY DESIGN FEATS

- **THE POTENTIAL REPOSITORY/ESF INTERFACE DESIGN RECEIVED CONSIDERABLE ATTENTION IN TITLE I**
- **THE FOLLOWING PRESENTATIONS WILL EXPAND UPON THE REPOSITORY/ESF DESIGN CONSIDERATIONS**
- **FINALIZATION AND REFINEMENT OF DESIGN INTERFACES WILL OCCUR IN TITLE II**

PRINCIPAL REPOSITORY/ESF INTERFACES

- **COMPONENTS**

- SEALS
- DRAINAGE
- GROUND SUPPORT

- **LAYOUTS**

- INCORPORATION OF ESF INTO POTENTIAL REPOSITORY
- ACCESS AND EGRESS
- OPENING LOCATIONS

- **MECHANICAL SUPPORT SYSTEMS**

- VENTILATION
- UTILITIES
- HAULAGE/TRANSPORTATION