



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**ENVIRONMENTAL  
MANAGEMENT**

# Idaho Cleanup Project Program Citizens Advisory Board

---

**Ken Whitham**  
*Assistant Manager FMDP*  
*Spent Nuclear Fuel Program*  
Idaho Cleanup Project

**February 17, 2016**

# Spent Nuclear Fuel Program



Fort St. Vrain Independent Spent Fuel Storage Facility in Colorado.

- Nuclear Regulatory Commission Licensed Facilities
  - Small Business Contract awarded to Spectra Tech Inc., November, 2015
  - Four-year, fixed-price contract with a one-year option
  - Mr. David Bland, Spectra Tech Project Manager
  - Notice to proceed issued 01/04/2016
  - 90 day transition in progress

# Spent Nuclear Fuel Program (continued)

- Contract Scope
  - Manage and Operate the NRC Licensed Independent Spent Fuel Facility (ISFSI) facilities: Fort St Vrain (FSV), Three Mile Island Unit 2 (TMI-2), and Idaho Spent Fuel Facility (ISFF)
    - Operations (FSV/TMI-2)
    - FSV Physical Security Program
    - TMI-2 License Renewal; TMI-2 NRC License renewal application due to NRC March 201



Three Mile Island Independent Spent Nuclear Fuel Storage Facility.

# Spent Nuclear Fuel Program (cont.)

- Current ICP SNF Management program
  - Navy SNF Returns to NRF
  - EBR-II SNF to Materials and Fuels Complex
  - Advanced Test Reactor SNF Receipts
- Program Scope
  - Retrieve Navy SNF from CPP-666 and ship to Naval Reactors Facility using the Large Cell Cask.
    - Completed 4 of 6 scheduled shipments to date
  - Retrieve BR-II SNF from CPP-666 storage basin and ship to MFC
    - 3 of 9 shipments completed to date
    - Shipments on hold due to a positive Unresolved Safety Question (USQ)
  - Receive ATR SNF and store in CPP-666
    - 0 of 8 shipments received to date