

University Research Reactor Spent Fuel Shipments

- Federal Initiative to replace research reactor HEU fuel with LEU fuel
- Multiple states have prior experience with research reactor fuel shipments
- Wisconsin preparing for future spent reactor fuel shipments
- Wisconsin is not a corridor state – no programs for radwaste/spent fuel shipments
- Radwaste Transportation Work Group



Radwaste Transportation Work Group

- Established by WEM in 1990's to plan for reactor fuel shipments to Yucca Mountain
- Reconvened in 2005 to address planned reactor vessel shipment and other issues
- WEM, DHFS, FRA, DOT, State Patrol, DOE, CSG, etc.
- Focal point for planning discussions about research reactor spent fuel shipments
- Meeting with UW Madison, DOE/NNSA, DOE contractors, NRC (planned)

Research Reactor Spent Fuel Shipment - Issues

- Inspections
 - State health physics inspections prior to shipment?
- Escort
 - Health physics component to escort?
- Route planning
 - Any issues related to route planning/selection?
- Security
 - Do state RCP personnel require criminal history/bkg check to conduct inspection/escort?
 - May route plans be shared with Work Group?
 - How should information be shared with state/local jurisdictions?