



U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

DOE-Idaho's Packaging and Transportation Perspective

Richard Provencher
Manager
DOE Idaho Operations Office

Presented to the DOE National Transportation
Stakeholders Forum
May 12, 2011



U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

DOE's Idaho site ships and receives a wide variety of radioactive materials





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Engineering Test Reactor vessel excavated, transported across the site and disposed





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Navy SNF moved from wet to dry storage





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Left: Contact-handled TRU shipments
Right: A remote-handled TRU shipment





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

NAC spent nuclear fuel container
on its trailer, prior to installation
of its impact limiters

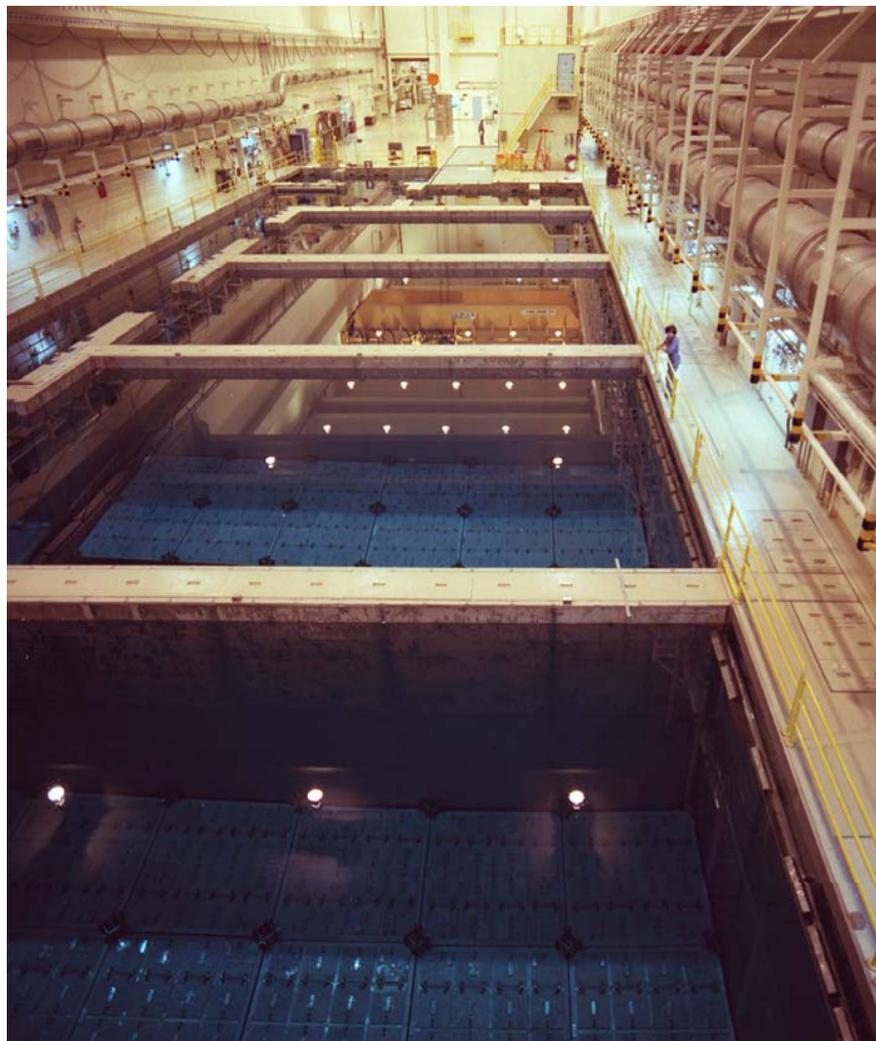
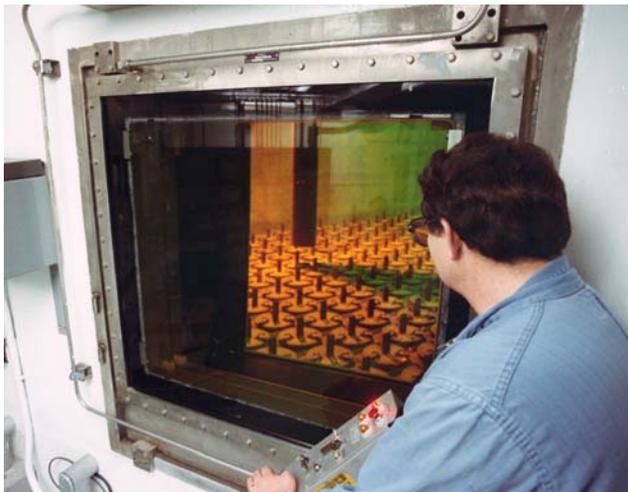




U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Examples of dry (CPP-603) and wet (CPP-666) storage in Idaho

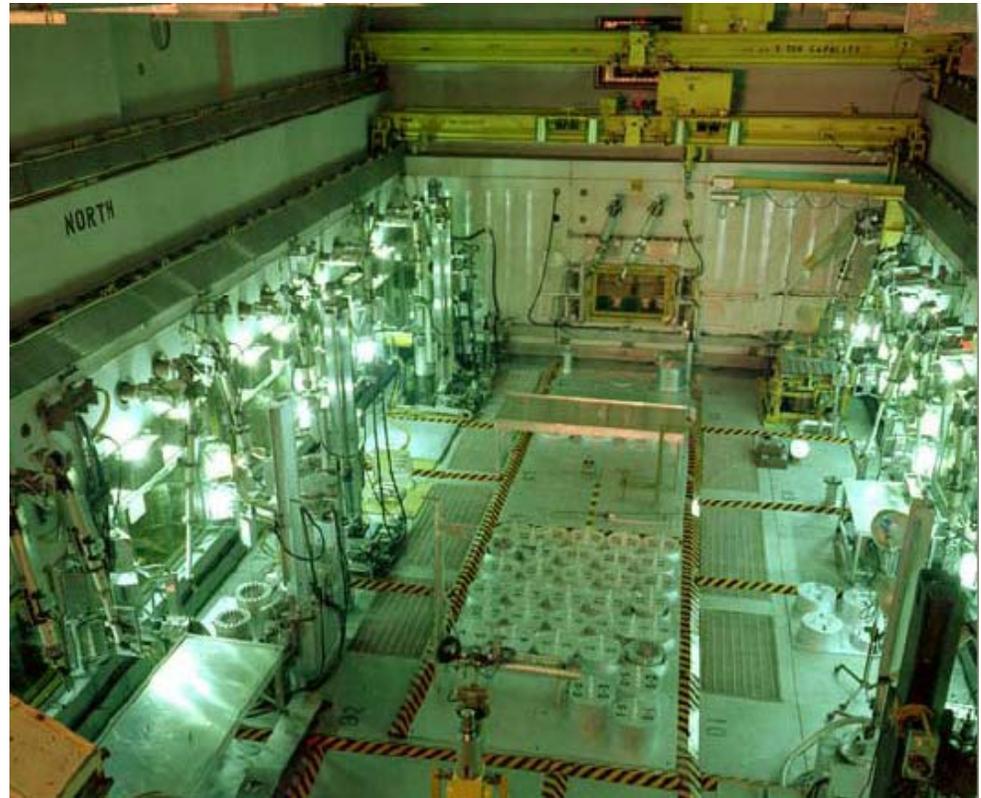




U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

INL's Materials and Fuels Complex Hot Fuel Examination Facility

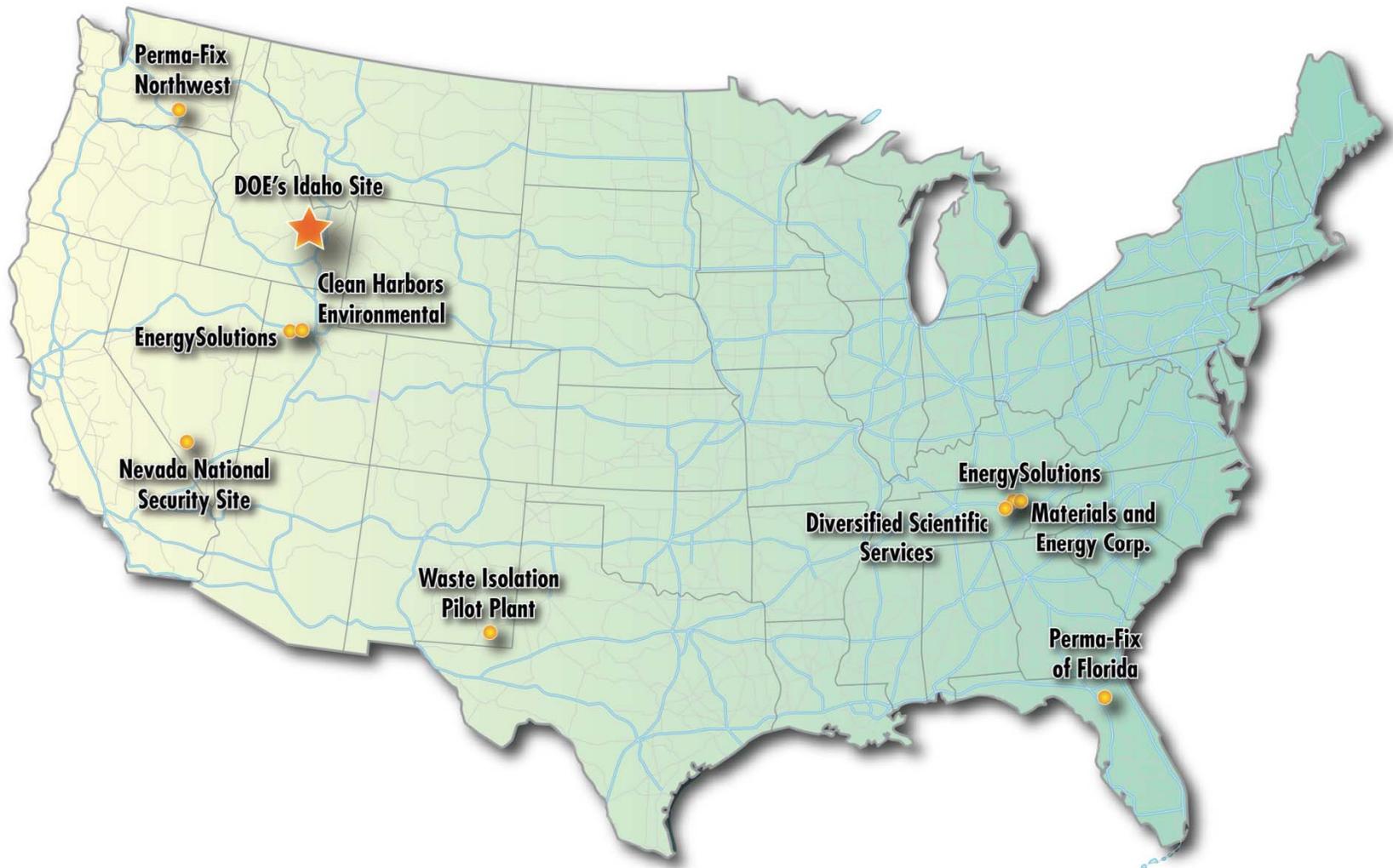




U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Low level, mixed low level, and transuranic waste destinations

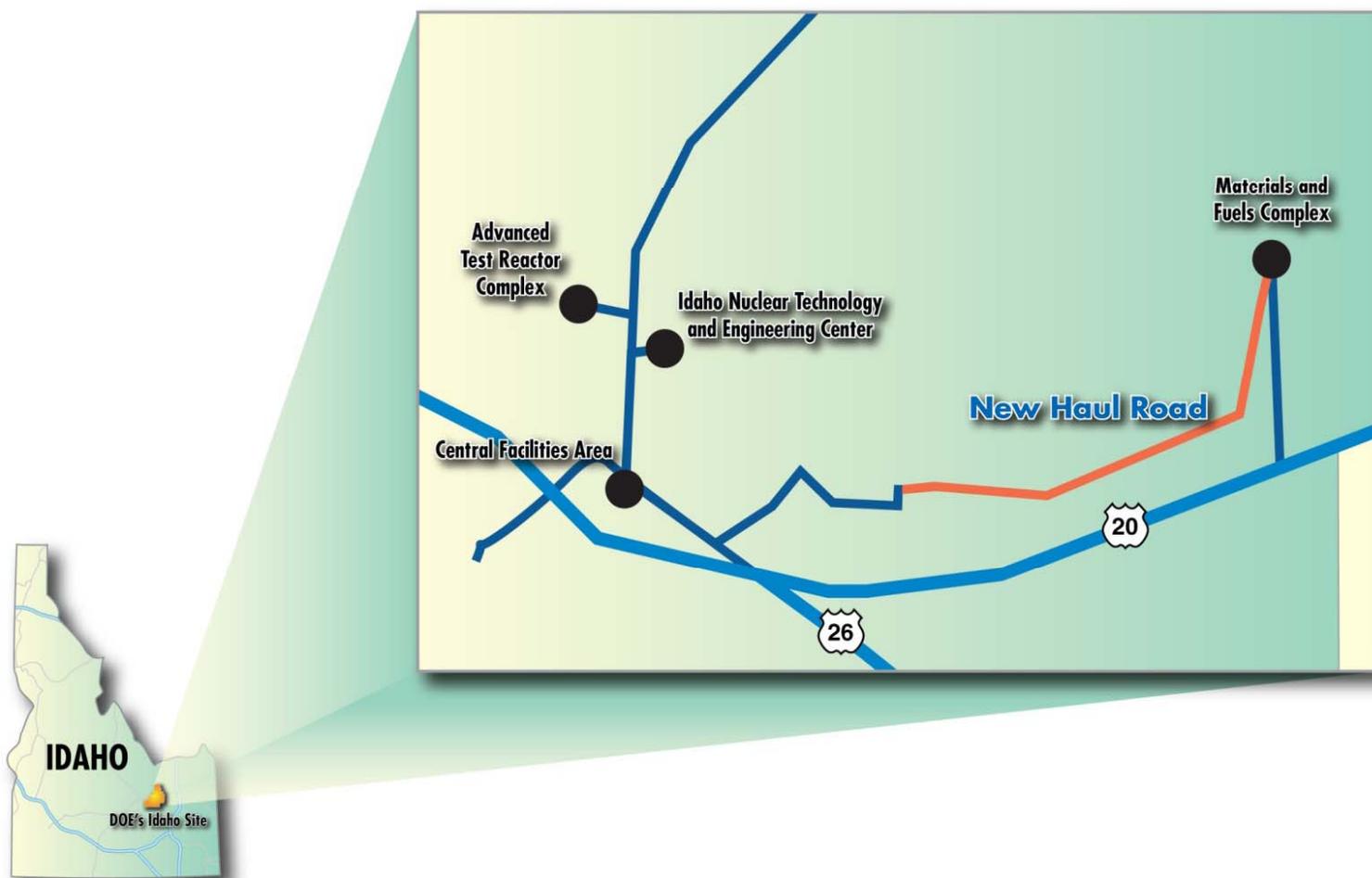




U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Multipurpose Haul Road at DOE's Idaho site





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

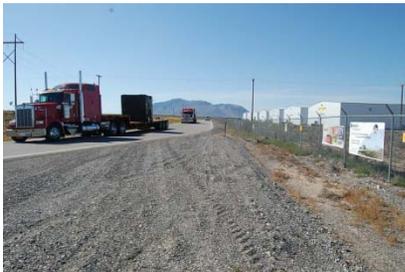
Radiological and Environmental Sciences Laboratory ships and receives, using commercial carriers





U.S. DEPARTMENT OF ENERGY

Nuclear Energy





U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Left: Fort Saint Vrain Independent Fuel Storage Facility
Middle: CPP-647 underground SNF storage vaults
Below: CPP-2707 instrumented transport casks on pad

