

Wisconsin Radiation Protection Section - Overview

RPS Responsibilities

- X-ray device and tanning facility registration and inspection
- Mammography facility inspection
- Environmental Monitoring
- Radon
- REP
- Radioactive Material Licensing/Inspection
- Radiological incident response

REP Overview

- NRC requires off-site rad. emergency preparedness plans and infrastructure (to protect off-site population) as condition of nuclear plant operating license.
- Cooperation of state and counties required to develop/implement plans.
- All hazard planning.
- Nuclear utilities provide funding for state and county REP activities (planning, trng, exercises).
- DHFS provides technical training to local responders.
- Biennial exercise requirement (federally evaluated).

Point Beach Exercise



12/05/06
State EOC

Nuclear Power Plants Affecting Wisconsin



- Point Beach, Kewaunee - operational
- Prairie Island - operational
- LACBWR - decommissioning
- Byron - operational
- Zion - shutdown

Radiological Incident Response

- State Radiological Coordinator
- Trained and experienced Section staff
- Field teams near Nuclear Power Plant's around state
- Wide range of equipment and resources
- Laboratory, including germanium analysis system
- Radioactive materials storage facility

August, 2000 transportation incident and other experience



Transportation Radiological Emergency Preparedness

- Participation on CSG Midwestern Radioactive Materials Transportation Committee
- WI Transportation Emergency Prep Workgroup (WEM - multiple agencies)
 - Goal - evaluate state/local planning for spent fuel/radiological shipments and recommend actions
- Spent reactor fuel shipments occur periodically in US - strong safety record
- LACBWR reactor vessel shipment - 2007
 - Training for local responders and state monitoring of shipment

