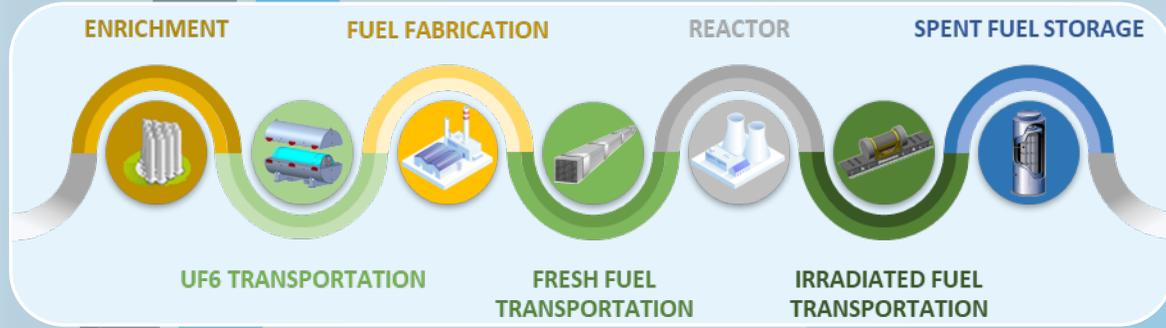


# NEW FUELS

## Readiness for new non-light water reactor FUELS



the **Who**, the **What**, and the **How**...



**the Who –**  
The Nuclear Regulatory Commission (NRC) is an independent agency that oversees the civilian use of nuclear materials.

**the What –**  
Industry is expected to deploy new nuclear fuel technologies. Here we focus on advanced non-light water reactor fuel like metals and salts.

**the How –**  
The NRC's current regulatory framework can support deployment of anticipated new nuclear fuels.

**Regulatory tools include:**

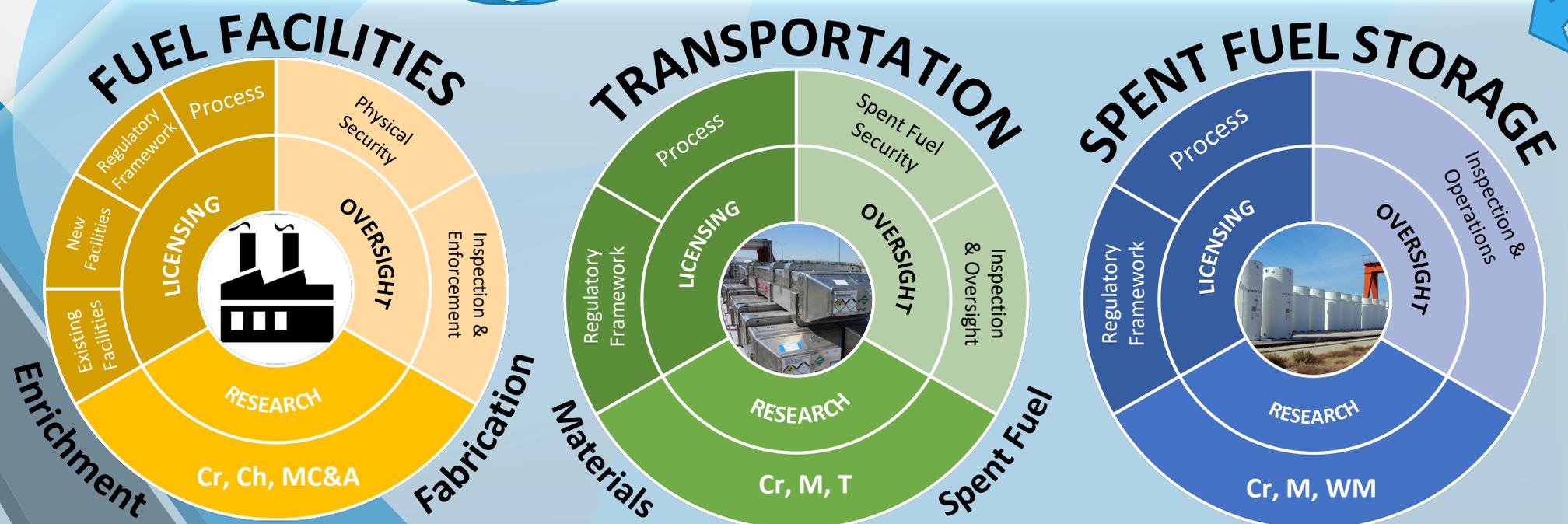
- **Licensing** - adequate protection
- **Oversight** - to ensure compliance
- **Research** - to support development of technical bases
- **International Activities** - multilateral and bilateral information exchanges
- **Rulemaking** - to codify safety requirements

**The existing tools can accommodate new fuels!**

## New Fuels Licensing Activities

### Related Information:

- [Accident Tolerant Fuel](#)
- [High-Assay Low-Enriched Uranium \(HALEU\)](#)
- [NEIMA Review Schedules](#)
- [Hearing Opportunities](#)
- [Public Involvement](#)



Ch: Chemical Analysis, Cr: Criticality Analysis, M: Materials Properties & Compatibility, MC&A: Material Control and Accounting, T: Thermal Analysis, WM: Waste Management