

### Molten Salt Reactor TWG →

ONE

### Terra Power

Fast Breeder Liquid Fuel Salt Cooled Uranium (Could use Th) TW O

#### **Thorcon**

Thermal Burner Liquid Fuel Salt Cooled Thorium THREE

# Terrestrial Energy

Thermal
Burner
Liquid Fuel
Salt Cooled
Uranium
(Could use Th)

FOUR

### Flibe Energy

Thermal Breeder Liquid Fuel SaltCooled Thorium

#### FIV E

## Transatomic Power

Hybrid Burner Liquid Fuel Salt Cooled Uranium SIX

## Elysium Industries

Fast Breeder Liquid Fuel Salt Cooled Uranium SEVEN

### Alpha Tech Research Corp

Thermal Breeder Liquid Fuel Salt Cooled Thorium **EIGHT** 

### Muons Inc.

Thermal Burner Liquid Fuel SaltCooled Uranium









### **Highlighted Topics**→

- NUREG 1537 update for use with MSR Test Reactor licensing
- Supportive of the development of risk informed, performance based regulatory structure
- Utility led Licensing Modernization Project results are promising
- Regulatory guidance on functional containment is supported
- Fuel qualification approaches for MSR need to be developed
- Modeling and simulation tools working with NEAMS on Multiphysics tools to support
   MSR analysis
- Participating in the development of ANS 20.2 Standard for MSRs
- Need for HALEU is consistent across designs