

# **International Collaboration on SNF Degradation**

**NWTRB Fact Finding Virtual Meeting  
April 25, 2024**

**Brady Hanson  
Pacific Northwest National Laboratory  
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# Recent Collaborations

- **European Joint Programme on Radioactive Waste Management (EURAD)**
  - FIRST Nuclides (Fast/Instant Release of Safety Relevant Radionuclides from Spent Nuclear Fuel) Associated Group 2012-2014
  - DisCo (Modern Spent Fuel Dissolution and Chemistry in Failed Container Conditions) Associated Group 2017-2021
- **International-Nuclear Energy Research Initiative (I-NERI)**
  - JRC/ITU, BAM, NAGRA (Germany and Switzerland)
  - KAERI (South Korea)
- **Studsвик Cladding Integrity Project (SCIP) IV 2019-2024**
- **International Atomic Energy Agency (IAEA)**
  - Spent Fuel Performance Assessment and Research (SPAR) IV 2016-2020

# Ongoing and Future Collaborations

- **IAEA**

- Spent Fuel Research and Assessment (SFERA)
- Challenges, Gaps and Opportunities for Managing Spent Fuel from Small Modular Reactors

- **EURAD-2**

- Release of safety relevant radionuclides from spent nuclear fuel under deep disposal conditions (SAREC)

- **International Spent Fuel Workshop**

- Spain 2022
- France 2024



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