

# URR Fitness Challenges - Action Plan -



based on the 2019 report by NSUF's **Brenden Heidrich**

presented by **Ryan Marcum**

# Quick Agenda



**1**

Highlight the Challenges

**2**

Propose Solutions

**3**

Suggest Next Steps

# Challenges

untapped relationships with national labs

lack of plan for DOE infrastructure funds

dwindling obsolete technology expertise

LAR process & success uncertainty

no record of current installations

infrastructure repair & replacement guessing

loss of tribal knowledge

lack of prior projects execution know-how

inconsistent 50.59 evaluation approvals

unrealized reactor utilization

**"Ain't nobody  
got time for that."**

o o o o

Kimberly "Sweet Brown" Wilkins (2013)

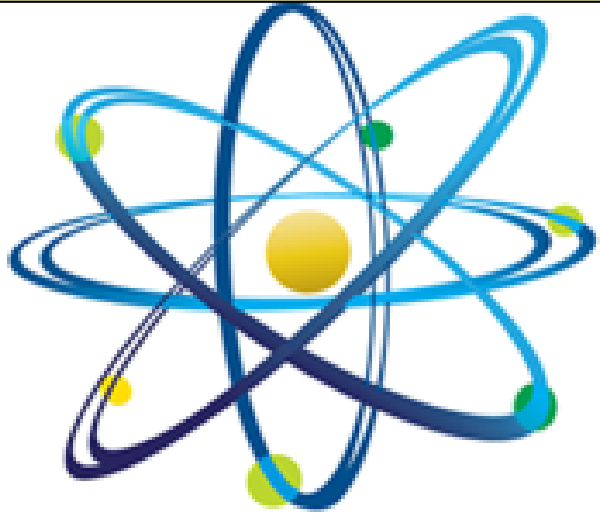
# Collaboration




**DOE's Office of Nuclear Energy (DOE-NE)**  
and  
**I&C Operative**, together

Your facilitators

DOE-NE



I&C Operative



**I & C  
OPERATIVE**

# Proposed Solutions



## Efforts

- 1 A shared database of systems, spares and project lessons-learned**
- 2 A forecast of projected upgrades for long-term DOE funding planning**
- 3 A repository of personnel expertise, tribal knowledge, and good practices**
- 4 A catalog for customers of reactor utilization and capabilities**



## Deliverables

Hosted on a centralized, password-protected server



Data anonymous outside of RTRs (DOE, NRC, etc.)



Open source for community-driven upkeep



# Next Steps



Step 1

**Gain support from the users.**



Step 2

**Apply for funding via NEUP grant.**



Step 3

**Renew discussions from the 2019 meeting.**

**That's a  
wrap**

Thank you for  
your attention.

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