

# GLOBAL LASER ENRICHMENT SUCSESSES & CHALLENGES

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# Global Laser Enrichment

Deploying next generation, safe enrichment technology

Wilmington, NC site selected Apr 08

Environmental Report submitted

Additional info to follow to complete application

Closely followed guidance & fully informed by previous licensees' lessons learned

# Global Laser Enrichment

Additional enrichment capacity needed to fulfill anticipated U.S. & world requirements

Additional domestic capacity needed for energy security

Need for advanced enrichment technology in U.S.

# Successes

## **NRC Licensing Staff Responsiveness**

Provided Lessons Learned at initial pre-application meeting

Open & frequent dialogue

Provided NRC fee budgeting information

Quick response to questions

# Successes (continued)

## **NRC Security Staff Responsiveness**

Timely Facility Clearances

Timely Personnel Clearances

# Successes (continued)

## **Co-locating with existing nuclear facility**

Integrated programs (Emergency Preparedness, Security, Radiation Protection...)

Leveraging 40+ years of experience

Building on GEH community citizenship

Successes (continued)

## **Environmental Report guidance (NUREG 1748)**

Clear & detailed

Publicly available examples

# Challenges

## **Part 70 guidance**

Decommissioning cost estimates

Quality assurance

Early or pre-construction activities

*Staff interactions provided additional clarity*

# Challenges (continued)

## **Protection of Classified Information and Technology**

Classified secured network

Staffing with cleared personnel

Procurement of classified equipment