



OKLO INC.

# **Aurora INL preconstruction**

July 2025

# Agenda

Proposed scope of preconstruction activities

Evaluation of proposed preconstruction SSCs and the definition of construction under 10 CFR 50.10

Anticipated schedule of preconstruction activities



# Construction

NRC requirements define activities which cannot be performed or completed without a license, or approved through a limited work authorization or by exemption

Initially developed in the 1960s, the NRC later narrowed the definition of construction activities, intending those activities to be focused on those which have a reasonable nexus to radiological health and safety or common defense and security for which regulatory oversight is necessary in ensuring reasonable assurance of adequate protection

NRC defines those requirements in 10 CFR 50.10



# Precedented safety performance

The Aurora powerhouse safety case is designed to be resilient against the loss of secondary or balance of plant SSCs, consistent with prior DOE demonstrations at EBR-II

Critically, no proposed preconstruction SSCs have a reasonable nexus to radiological health and safety or common defense and security





# Questions