

---

# Dresden Nuclear Power Station Units 2 and 3 Subsequent License Renewal Public Meeting Will Begin Shortly

POC: [tam.tran@nrc.gov](mailto:tam.tran@nrc.gov)

ADAMS : [ML24172A109](#)

**Environmental Scoping Meeting Related  
to the Dresden Nuclear Power Station  
Units 2 and 3  
Subsequent License Renewal Application**

August 20, 2024

Mark Yoo, Safety Project Manager

Tam Tran, Environmental Project Manager

---

---

# Agenda

- Introduction, Purpose, NRC Overview
- Subsequent License Renewal (SLR) Overview
  - Safety Review
  - Environmental Review
- Clarifying Questions on the Overview
- Public Participation (Comment Session)

---

# Introductions

- Mark Yoo, NRC, Office of Nuclear Reactor Regulation (NRR), Safety Review Lead
- Tam Tran, NRC, Office of Nuclear Material Safety and Safeguards (NMSS), Environmental Review Lead Project Manager
- Angela Sabet, NRC, NMSS, Environmental Project Manager
- John Moses, NRC, NMSS, Deputy Director, Division of Rulemaking, Environmental, and Financial Support (REFS)
- Steve Koenick, Chief, Environmental Project Management Branch 1, REFS, NMSS

---

# Meeting Purpose

- NRC staff overview of the Dresden Nuclear Power Station Units 2 & 3 (Dresden) application and NRC review
- This meeting's primary purpose is collecting your comments to aid the staff's environmental review
- No regulatory decisions will be made at today's meeting

---

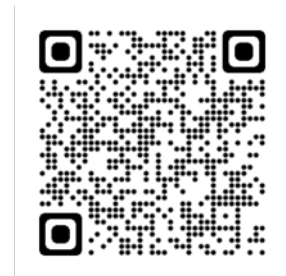
# U.S. Nuclear Regulatory Commission – *An Independent Regulatory Agency*

## **NRC MISSION**

*We license and regulate U.S. civilian use of radioactive materials, protecting public health and safety, promoting the nation’s common defense and security, and protecting the environment.*

## **STATUTORY AUTHORITY**

- *Atomic Energy Act of 1954*
- *Energy Reorganization Act of 1974 split the Atomic Energy Commission into the NRC and the predecessor of the Energy Department.*



**Strategic Plan**  
Fiscal Years  
2022-2026  
At-a-glance

---

# Dresden Nuclear Power Station

## Unit 2 & 3 Overview

- Constellation Energy Generation, LLC (CEG) submitted an SLR application for Dresden on April 17, 2024
- The current Dresden Facility Operating Licenses expire at midnight on December 22, 2029, and January 12, 2031, respectively
- CEG seeks to renew the licenses to December 2049 and January 2051, respectively

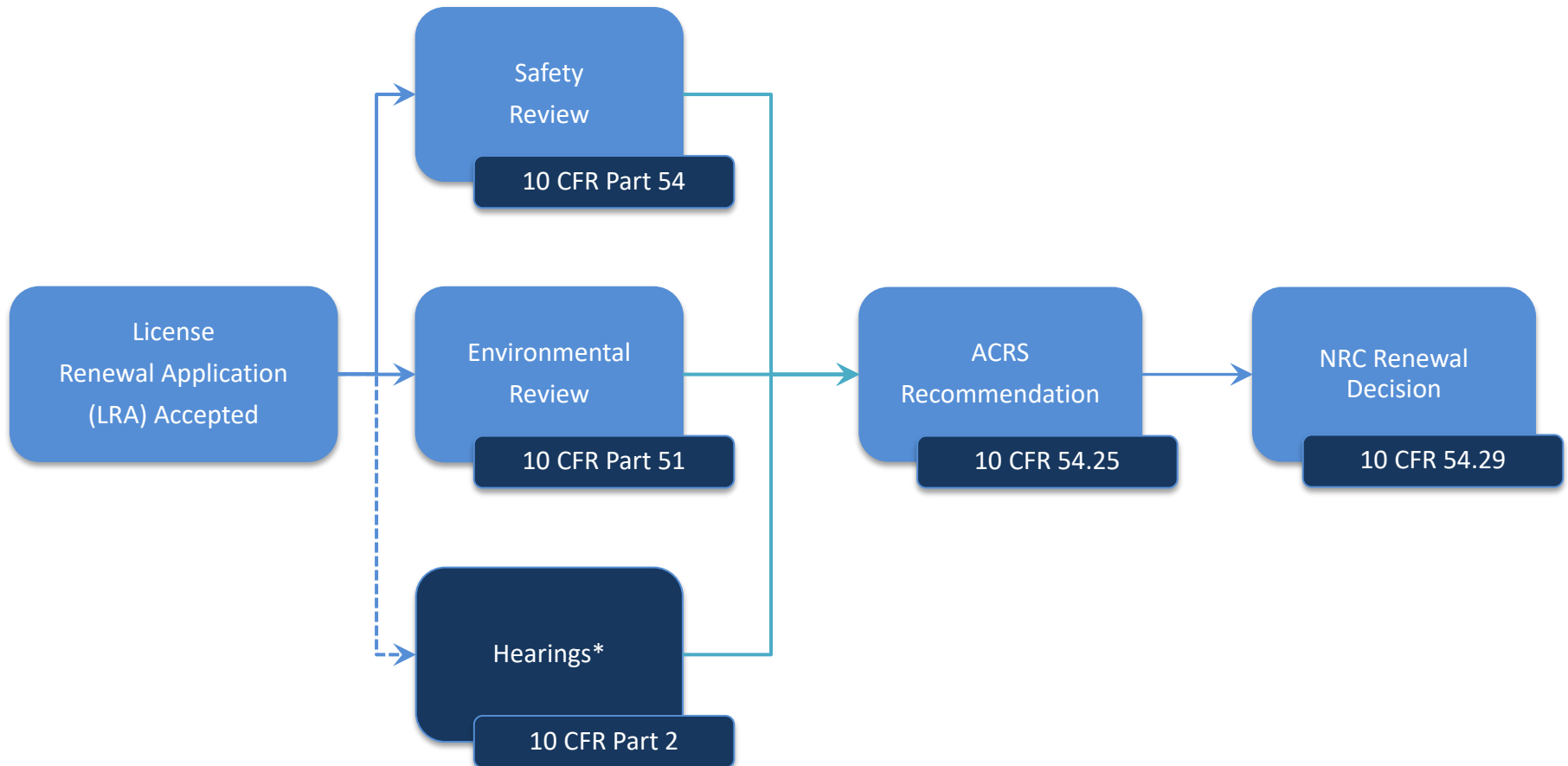
---

# Contents of Application

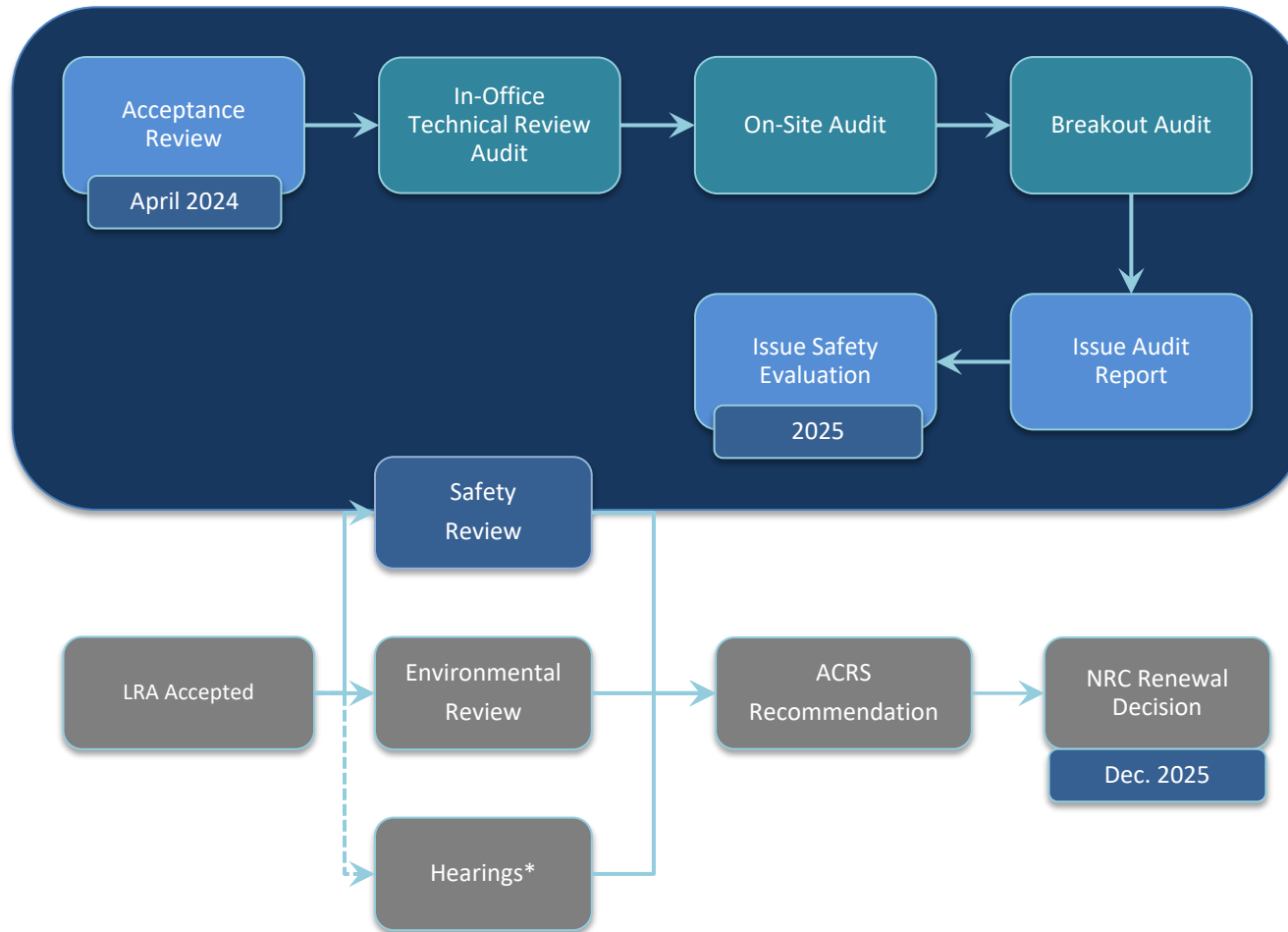
- General information about the plant owner or operator
- Technical information about plant structures and components and how the applicant proposes to manage plant aging
- Environmental Report



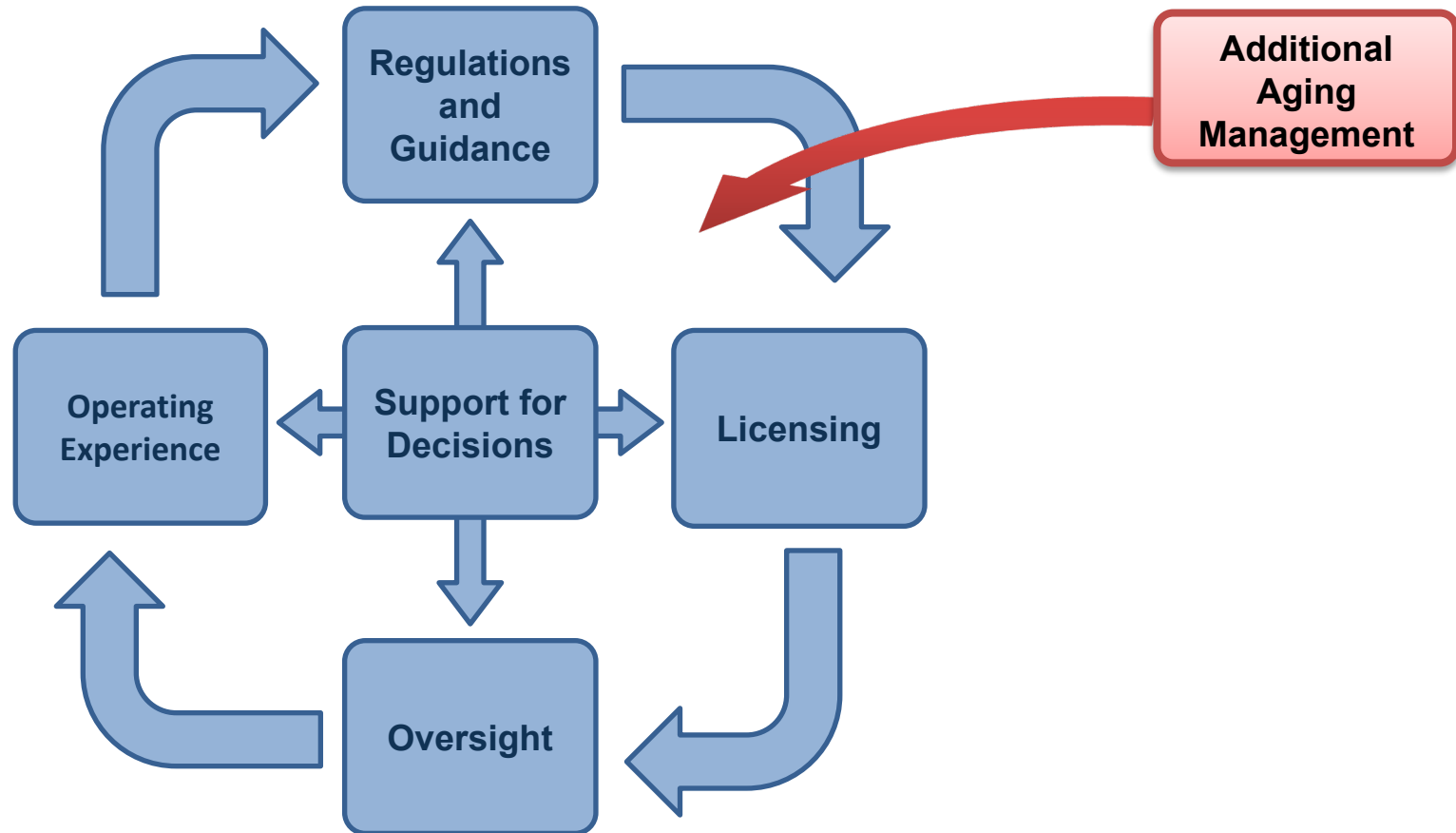
# Process Overview



# Safety Review



# Regulatory Process



---

# Environmental Review

- National Environmental Policy Act (NEPA)
  - ✓ Informs Federal decision making
  - ✓ Provides public disclosure of environmental impacts and other considerations
- NRC's Environmental Regulations
  - ✓ Title 10 of the Code of Federal Regulations Part 51
- NRC Staff review is to determine if the adverse environmental impacts of license renewal are so great that license renewal would be unreasonable (10 CFR 51.103)

---

# Environmental Review (continued)

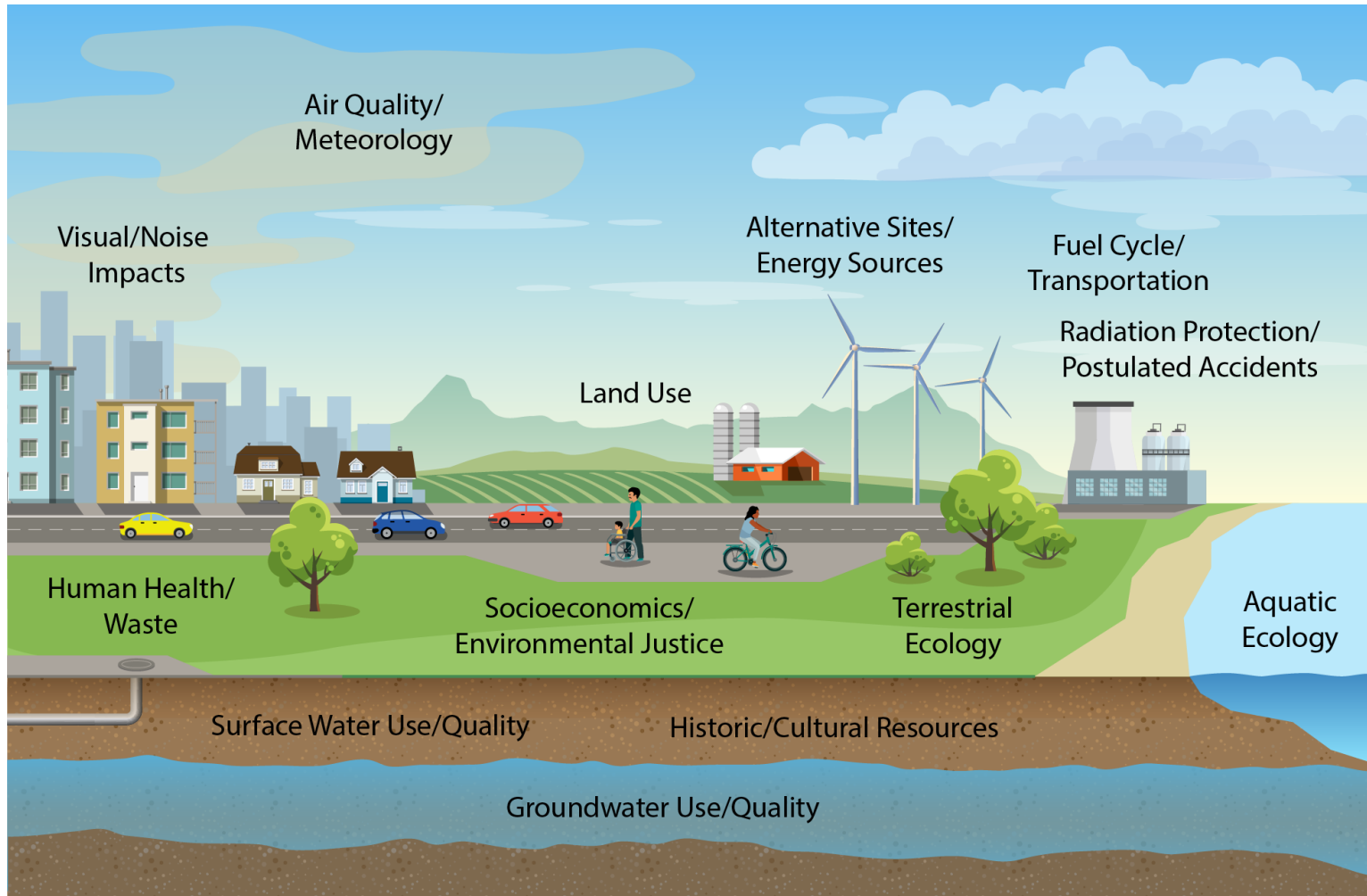
- Consider, analyze, and disclose the environmental impacts of continued plant operation and alternatives to license renewal
- Dresden's environmental report included site-specific information on both generic (Category 1) and site-specific (Category 2) information
- Staff will use the revised LR GEIS, issued 8/6/24 and effective for staff 9/5/24
- The NRC is developing a Dresden-specific EIS to supplement the GEIS

---

# Environmental Impact Statement

- Staff evaluates impacts to resources including the following areas:
  - Fish and wildlife
  - Water, air, terrestrial resources
  - Historical and cultural resources
  - Socioeconomics
  - Environmental justice
  - Human health
  - Land use

# Environmental Impact Statement



---

# Agency Coordination and Consultation





---

# Scoping and Public Involvement

- What about your community should the NRC consider in the environmental impact statement?
- What local environmental issues should be addressed?
- What other reasonable alternatives should be considered?

---

# Environmental Review Milestones

Application Received	February 14, 2024
Notice of Intent to Conduct Scoping	August 5, 2024
Environmental Scoping Webinars	August 20, 2024 (afternoon & evening)
Scoping Comment Period Ends	September 4, 2024
Draft EIS Issued	June 2025
Draft EIS Public Meeting	July 2025
Final EIS Issued	October 2025
License Renewal Decision	December 2025
<a href="https://www.nrc.gov/reactors/operating/licensing/renewal/applications/dresden-subsequent.html">https://www.nrc.gov/reactors/operating/licensing/renewal/applications/dresden-subsequent.html</a>	

---

# Project Managers

- Mark Yoo, Safety PM
  - 301-415-8583
  - [Mark.Yoo@nrc.gov](mailto:Mark.Yoo@nrc.gov)
- Tam Tran, Environmental PM
  - 301-415-3617
  - [Tam.Tran@nrc.gov](mailto:Tam.Tran@nrc.gov)
- Angela Sabet, Environmental PM
  - 301-415-1162
  - [Angela.Sabet@nrc.gov](mailto:Angela.Sabet@nrc.gov)
- Surinder Arora, Operating PM
  - 301-415-1421
  - [Surinder.Arora@nrc.gov](mailto:Surinder.Arora@nrc.gov)

---

# Documents



**Morris Area Public Library, 604 Liberty St, Morris, IL  
60450**

**Coal City Library, 85 N. Garfield Street, Coal City, IL  
60416**



**NRC Website:**

<https://www.nrc.gov/reactors/operating/licensing/renewal/applications/dresden.html>

---

# Provide Comments on the Scope of the Environmental Review

- Provide comments:
  - By mail: Office of Administration  
Mailstop TWFN7A60M  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001
  - Website: <http://www.regulations.gov>,  
Docket ID **NRC-2024-0080**
  - Email: DresdenEnvironmental@nrc.gov

Comment period ends **[September 4, 2024](#)**

---

# Summary

- Comment period ends September 4, 2024
- Comments will be considered by the NRC staff in the scoping summary report
- Scoping participants will receive the scoping summary report, to be issued in Winter 2024

---

# Public Participation

- Raise your hand
  - MS Teams: “Raise my hand” button
  - On the phone: press “\*5”
- You’ll still need to unmute
  - MS Teams: Unmute button
  - On the phone: press “\*6”



---

# Audio/Technical Issues

- Drop off and log back on
- Afternoon Call into bridgeline:
  - 301-576-2978
  - Conference ID: 686 042 143#
  - In Teams, check your device settings:
    - Click “More”
    - Choose “Settings”
    - Choose “Device Settings”



---

# Audio/Technical Issues

- Drop off and log back on
- Evening Call into bridgeline:
  - 301-576-2978
  - Conference ID: 996 919 514#
  - In Teams, check your device settings:
    - Click “More”
    - Choose “Settings”
    - Choose “Device Settings”