

# SPENT FUEL ACADEMY 2023 AGENDA

**TUESDAY, JANUARY 31**

**LOCATION: ATLANTA, GA**

## **WELCOME AND INTRODUCTION**

8:30 to 9:00 am

**SPEAKER:** *Mr. Xavier Morales, Consulting Engineer, Consulting*

## **SESSION 1—Summary of Spent Fuel Management**

9:00 to 9:30 am

**SPEAKER:** *Mr. Chris Rusch, Consultant*

## **SESSION 2—Dry Storage System Concepts & Design**

9:30 to 10:30 am

**SPEAKER:** *Mr. Dave Culp, Vice President, Consulting*

**BREAK—10:30 TO 10:45 AM**

## **SESSION 3—Dry Storage/Transport Regulatory and Licensing Requirements Summary**

10:45 to 11:30 am

**SPEAKER:** *Mr. Heath Baldner, Director, Licensing*

## **SESSION 4—Introduction to Dry Storage System Engineering and Analysis-Structural Design and Analysis**

11:30 am to 12:15 pm

**SPEAKER:** *Dr. Mike Yaksh, Chief Engineer*

**LUNCH—12:15 TO 1:00 PM**

## **SESSION 4—(cont'd) Introduction to Dry Storage System Engineering and Analysis-Structural Design and Analysis**

1:00 to 1:30 pm

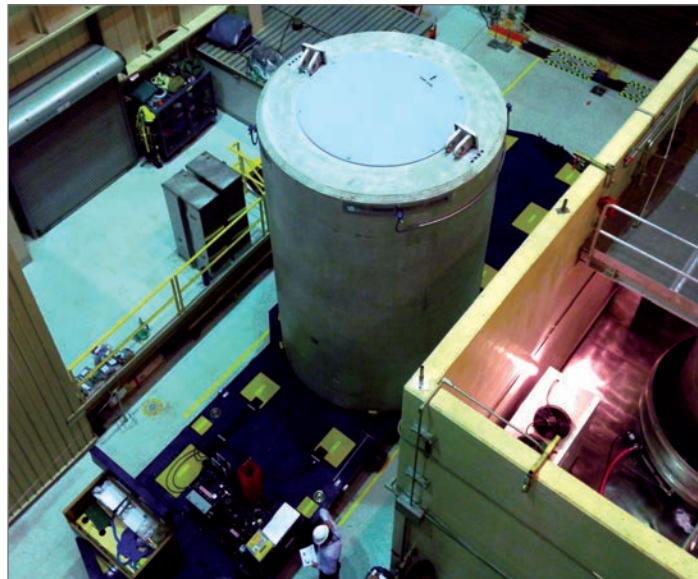
**SPEAKER:** *Dr. Mike Yaksh*

## **SESSION 5—Introduction to Dry Storage System Engineering and Analysis: Thermal Design and Analysis**

1:30 to 2:30 pm

**SPEAKER:** *Dr. Mike Yaksh*

## **SESSION 6—Introduction to Dry Storage System**



## **Engineering and Analysis-Criticality Control and Analysis**

2:30 to 3:15 pm

**SPEAKER:** *Mr. Ryan Archibald, Nuclear Engineer*

**BREAK—3:15 TO 3:30 PM**

## **SESSION 7—Introduction to Dry Storage System Engineering and Analysis-Shielding Design and Analysis**

3:30 to 4:15 pm

**SPEAKER:** *Mr. Ryan Archibald*

## **SESSION 8—Introduction to Dry Storage System Engineering and Analysis-Confinement Design and Analysis**

4:15 to 5:00 pm

**SPEAKER:** *Mr. Ryan Archibald*

**WELCOME RECEPTION**

## **Ted's Montana Grill**

**5165 Peachtree Pkwy #205, Peachtree Corners, GA 30092**

5:15 to 6:15 pm

**END OF DAY 1**

# WEDNESDAY, FEBRUARY 1

LOCATION: ATLANTA, GA

## SESSION 9—Overview of Canister Fabrication

8:30 to 9:45 am

**SPEAKER:** *Mr. John Edwards, Director, Fabrication*

## SESSION 10—Transfer Cask Fabrication and Overpack Construction

9:45 to 10:15 am

**SPEAKER:** *Mr. John Edwards*

## BREAK—10:15 TO 10:30 AM

## SESSION 10—(cont'd) Transfer Cask Fabrication and Overpack Construction

10:30 to 11:00 am

**SPEAKER:** *Mr. John Edwards*

## SESSION 11—Background and Implementation of 10CFR72.48 Requirements

11:00 to 12:00 noon

**SPEAKER:** *Mr. Heath Baldner*

## LUNCH—12:00 TO 1:00 PM

## SESSION 12—Dry Storage Operations, Handling and Transport Overview

1:00 to 3:00 pm

**SPEAKER:** *Mr. Jay Wellwood, Director, Operations & Safety*

## BREAK—3:00 TO 3:15 PM

## SESSION 13—Emerging Issues in Dry Storage Design, Analysis and Licensing

3:15 to 4:30 pm

**SPEAKER:** *Mr. George Carver, Vice President, Engineering & Licensing*

## SESSION 14—Economic Analysis of Dry Storage and Life Cycle Costs

4:30 to 5:00 pm

**SPEAKER:** *Mr. Dave Culp*

## DINNER

## Stäge Kitchen & Bar

5260 Peachtree Pkwy, Peachtree Corners, GA 300922

5:15 to 7:45 pm

## END OF DAY 2

# THURSDAY, FEBRUARY 2

LOCATION: ATLANTA, GA

## SESSION 15—The Quality Assurance Imperative in Dry Storage

8:30 to 9:30 am

**SPEAKER:** *Mr. David Jensen, Manager, Quality Assurance*

## SESSION 16—Summary of Key QC Tests and Inspections

9:30 to 10:15 am

**SPEAKER:** *Mr. David Jensen*

## BREAK—10:15 TO 10:30 AM

## SESSION 17—Performance-based Approach to Manufacturing Oversight

10:30 to 11:30 am

**SPEAKER:** *Mr. Adolfo Reparaz, Consultant*

## SESSION 18—Identification of Critical Attributes

11:30 to 12:00 noon

**SPEAKER:** *Mr. Adolfo Reparaz*

## LUNCH—12:00 TO 1:00 PM

## SESSION 18—(cont'd) Identification of Critical Attributes

1:00 to 1:45 pm

**SPEAKER:** *Mr. Adolfo Reparaz*

## SESSION 19—Graded Approach to Planning and Implementation of Manufacturing Surveillance

1:45 to 2:45 pm

**SPEAKER:** *Mr. Adolfo Reparaz*

## ADJOURN COURSE/CLOSING REMARKS

2:45 to 3:00 pm

**SPEAKER:** *Mr. Xavier Morales*

## END OF SEMINAR

*NAC reserves the right to substitute other qualified individuals should any of the scheduled instructors become unavailable for unforeseen reasons beyond NAC control.*