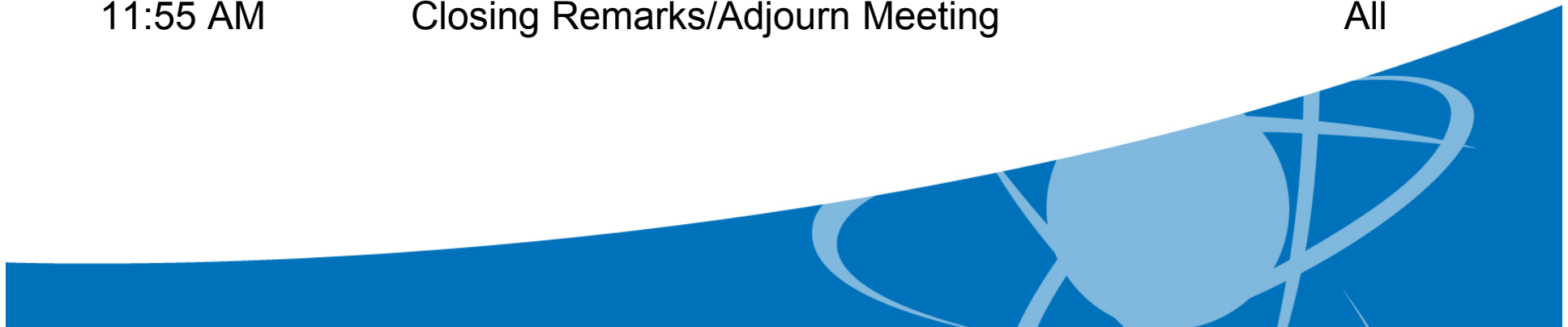


Meeting Agenda



Time	Topic	Organization
10:00 AM	Introduction and Opening Remarks	NRC
10:05 AM	NRC Presentation	NRC
10:20 AM	NEI Presentation	NEI
11:05 AM	NRC/NEI Presentation's Comments and Discussion	All
11:35 AM	Public Comments	All
11:55 AM	Closing Remarks/Adjourn Meeting	All



Helium Leakage Testing of Dry Storage Systems Confinement Boundaries

Luis Cruz
September 21, 2011

Background



- Inspection Experience
 - Vendor 72.48 change to leakage testing procedures
 - Enforcement Action EA-09-190
 - Issue resolution
- Addressing Generic Issue
 - Guidance development



History of ISG-25



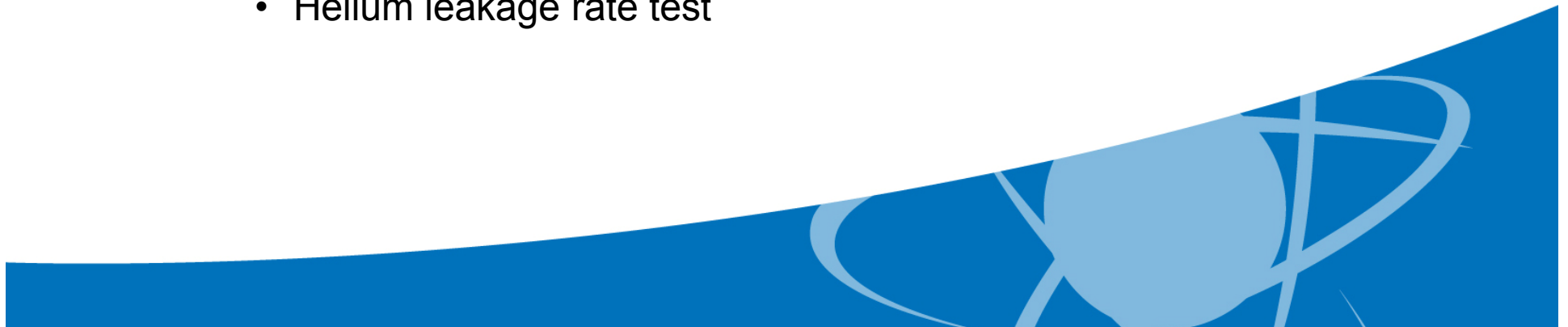
- Timeline

- October 2009
 - Draft issued for public comments (ML090850409)
- November 2009
 - NEI comments (ML100110348)
- April 2010
 - ACRS presentation
- August 2010
 - Final ISG issuance (ML101970493)



Guidance

- Audience
- Purpose
- Specifications
 - Alternative approaches
 - “This ISG provides guidance to the staff and is not a regulatory requirement. Alternative approaches may be used to demonstrate safety and compliance, as appropriately justified by an applicant.”
 - Technical reference to leakage testing procedures
 - ASME pressure test
 - Helium leakage rate test



Current Work



- Confirming the position presented in:
 - Standard Review Plan (SRP) for Spent Fuel Dry Storage Systems at a General License Facility (NUREG 1536)
 - Interim Staff Guidance-25
 - 10 CFR Part 72
- Evaluating the operational experience for loaded casks
- Examining the basis of previous approvals



Public Meeting Objective



- Goal of the Meeting
 - Providing Industry an opportunity to further clarify their position.
- Acknowledgement Letter (ML112170116)
 - Information requested
 - The information and evidence that indicates “... anecdotal evidence where leakage through base materials occurred”.
 - The information pertaining to “... leakage can be resolved through methods other than helium leakage testing (e.g. cold working or annealing)”.
 - The “...differences between the purposes and functions of the transportation package containment boundary and dry storage system confinement boundary” and the implications of applying ANSI N14.5 to dry storage systems under 10 CFR Part 72.
 - Staff’s intent to issue a response by November 19, 2011.

