

Guidance for Developing Principal Design Criteria for Advanced (Non-Light Water) Reactors

Public Meeting
January 21, 2015



Meeting Agenda

TIME	TOPIC	LEAD
8:30 am - 8:40 am	Opening Remarks and Introductions	NRC
8:40 am - 8:50 am	Overview of DOE-NRC Advanced Reactor Licensing Strategy Initiative	NRC
8:50 am - 10:20 am	Advanced Reactor Design Criteria (ARDC) Development Process	DOE/Labs
10:20 am - 10:40 am	Break	ALL
10:40 am - 11:45 am	Summary of ARDC Technical Report Content and Format	DOE/Labs
11:45 am - 12:00 pm	Opportunity for Public Comment	NRC
12:00 pm	Adjourn	ALL

Overview of DOE-NRC Advanced Reactor Licensing Strategy Initiative

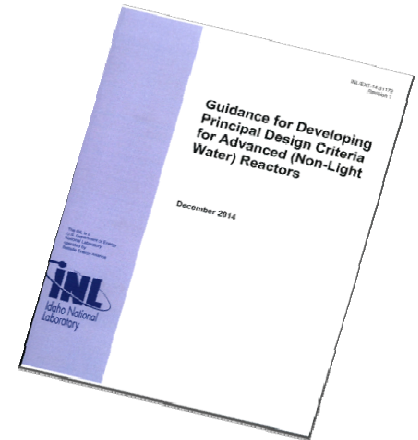
- August 2012 Report to Congress envisioned expanded guidance for the review of advanced reactor designs.
- July 2013 NRC NRO and Department of Energy Office of Nuclear Energy (DOE NE) started a joint initiative to develop design criteria for advanced reactors (ML13141A276).



Overview of DOE-NRC Advanced Reactor Licensing Strategy Initiative

The initiative is being conducted in two phases:

- ❖ Phase 1 (DOE Managed)– Develop a set of draft Advanced Reactor Design Criteria for consideration by the NRC in the establishment of guidance for use by non-LWR designers and NRC staff.
 - This was completed in December 2014 when DOE issued the report (ML14353A224).



Overview of DOE-NRC Advanced Reactor Licensing Strategy Initiative

- ❖ Phase 2 (NRC Managed) – Consider the Phase 1 product and develop and issue regulatory guidance.
 - The NRC has assembled a team from across the agency to consider the report and develop guidance.
 - Today’s meeting marks one of the initial steps in this effort.
 - Additional public meetings will be scheduled as the team develops draft guidance.

Purpose of Today's Meeting

- Provide the DOE the opportunity to familiarize the NRC staff with the contents of the report and the process used to develop the advanced reactor design criteria .
- Provide the NRC staff the opportunity to ask the DOE clarifying questions about the report.
- Provide the public the opportunity to participate by discussing regulatory issues with the NRC at designated times during the meeting.

